

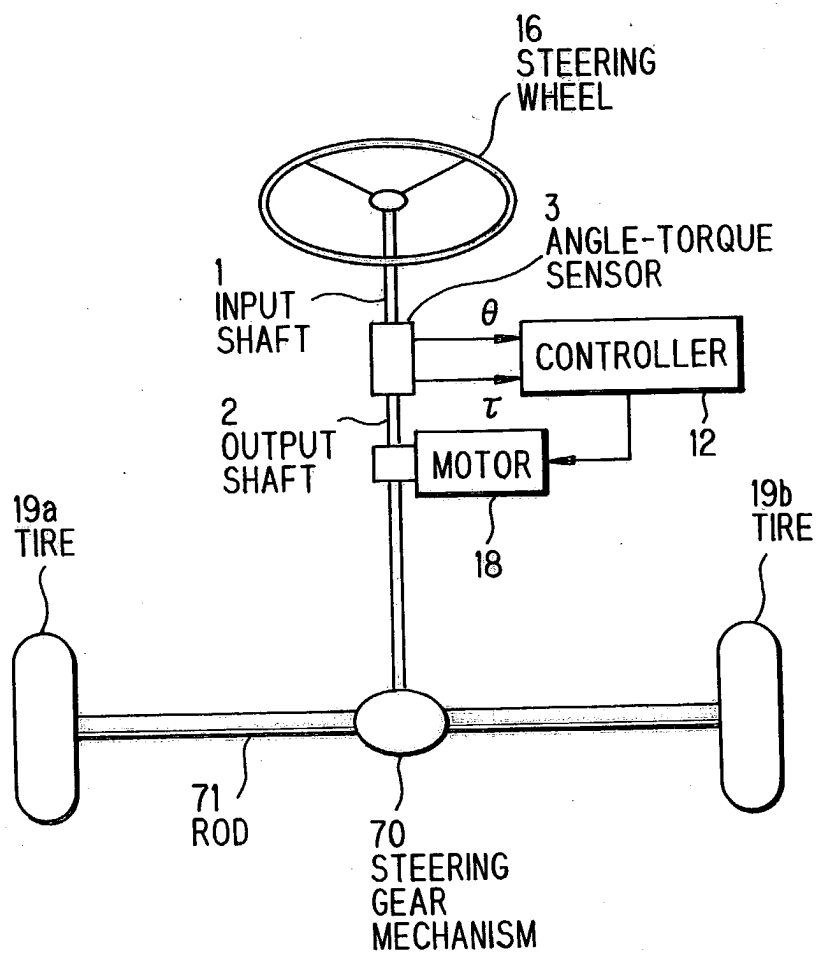
FIG. 1

FIG. 2

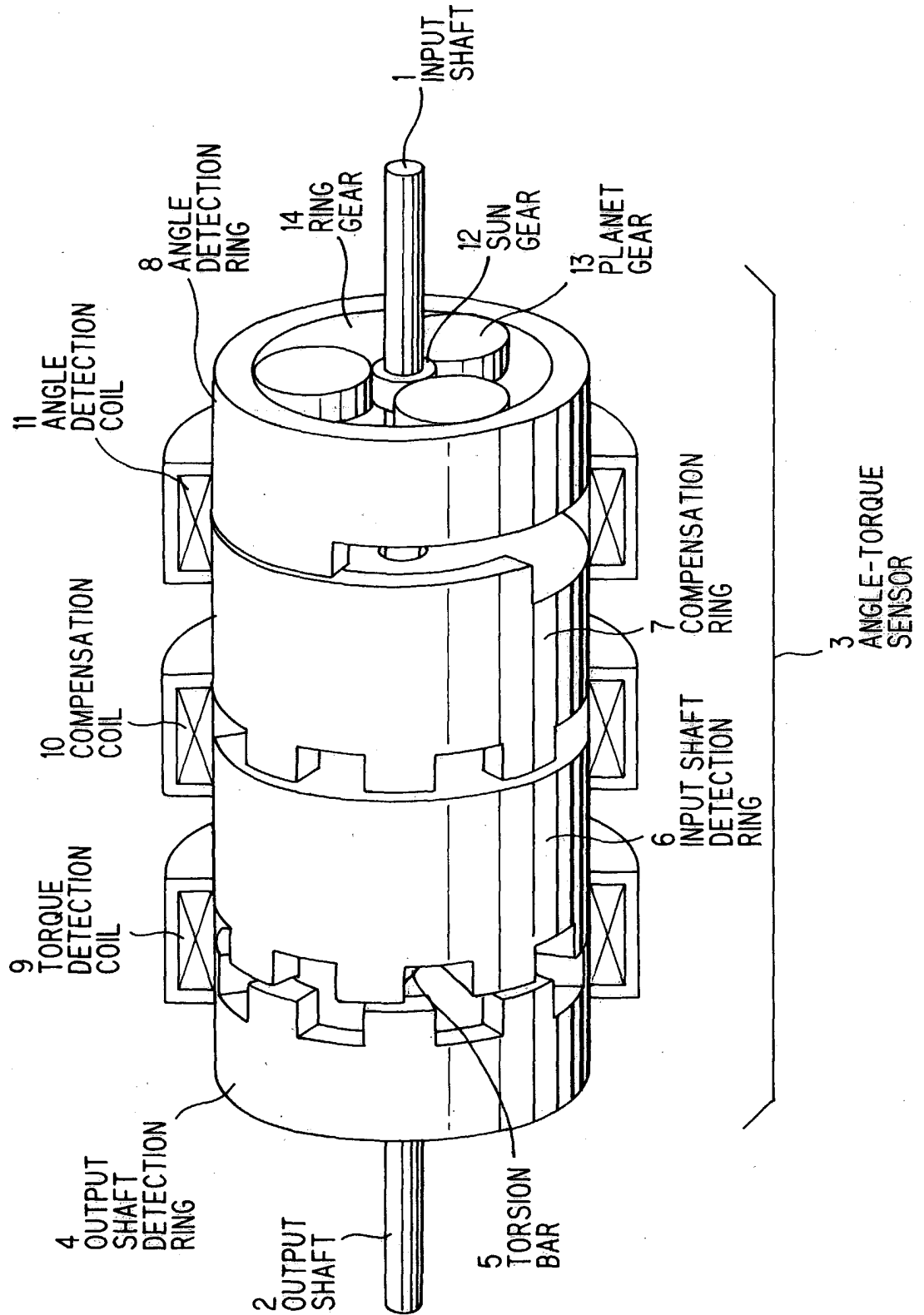


FIG. 3

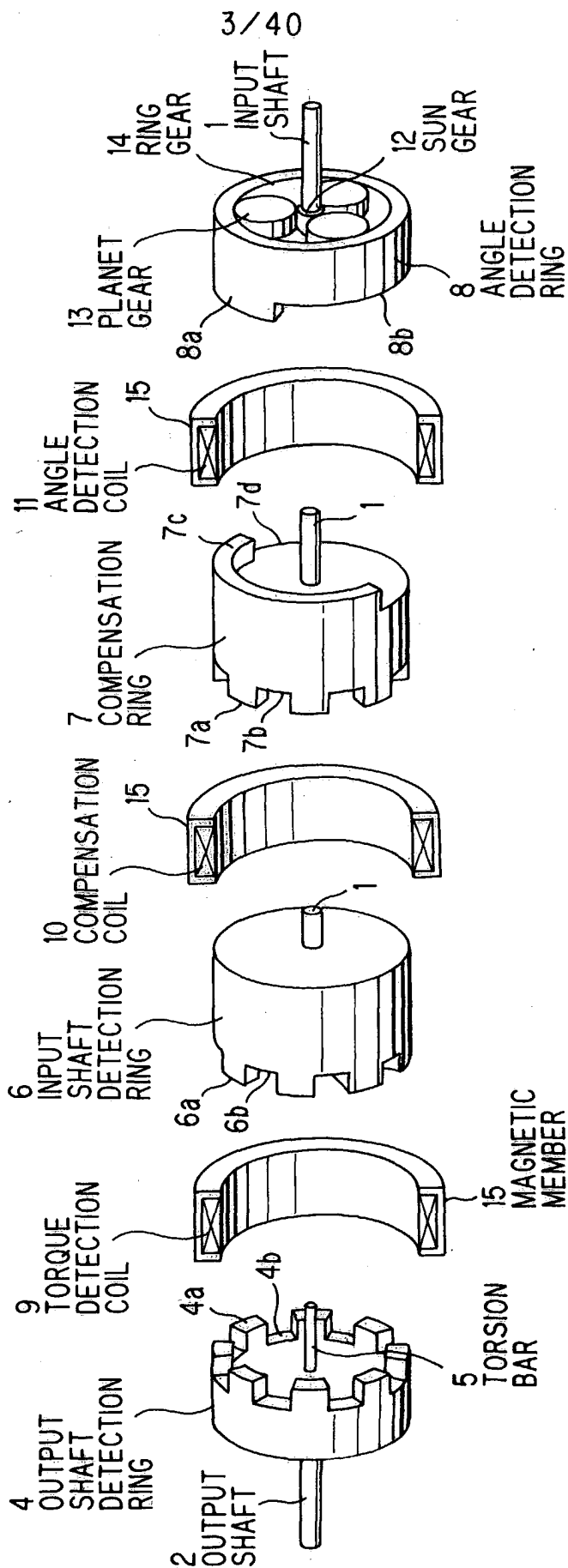


FIG. 4

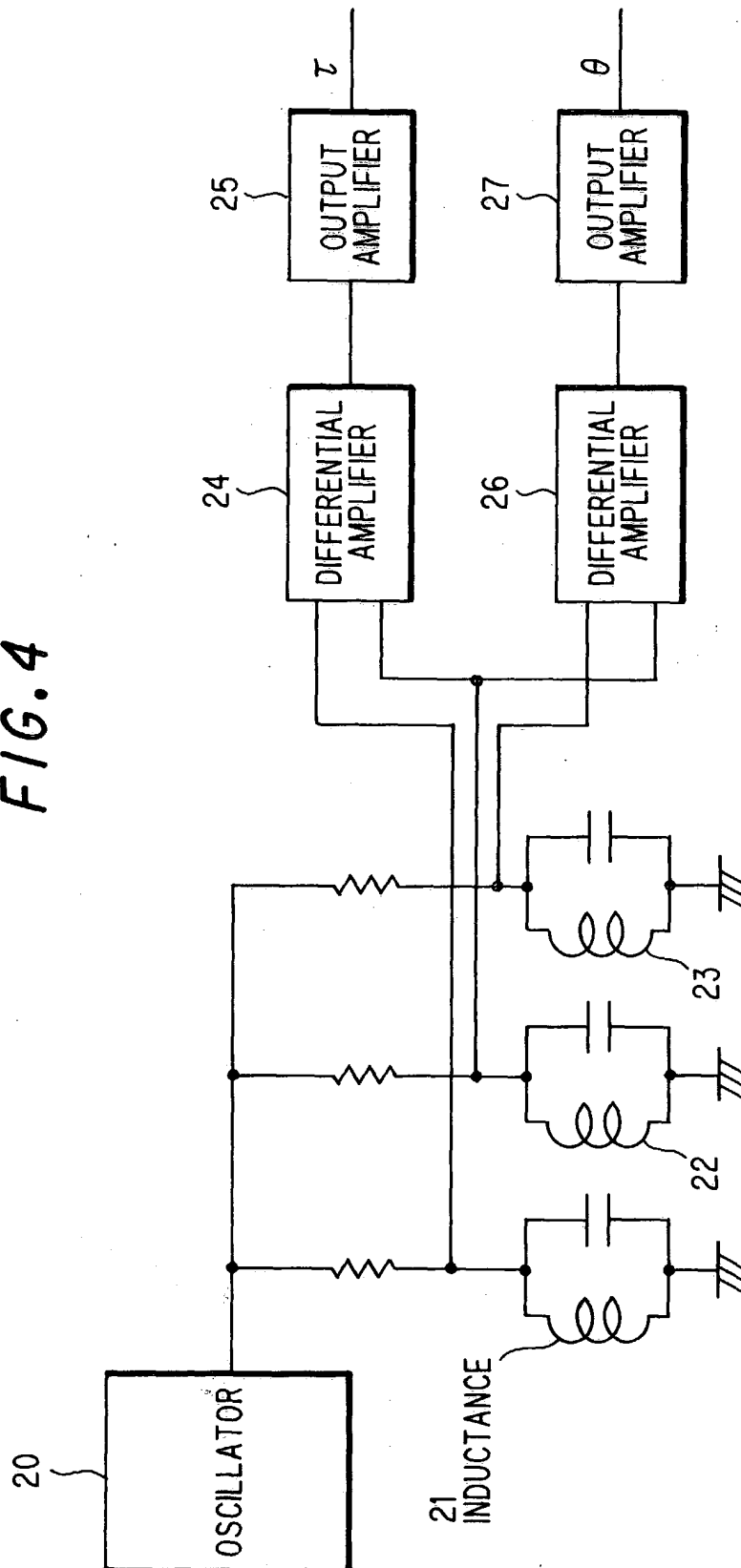


FIG. 5

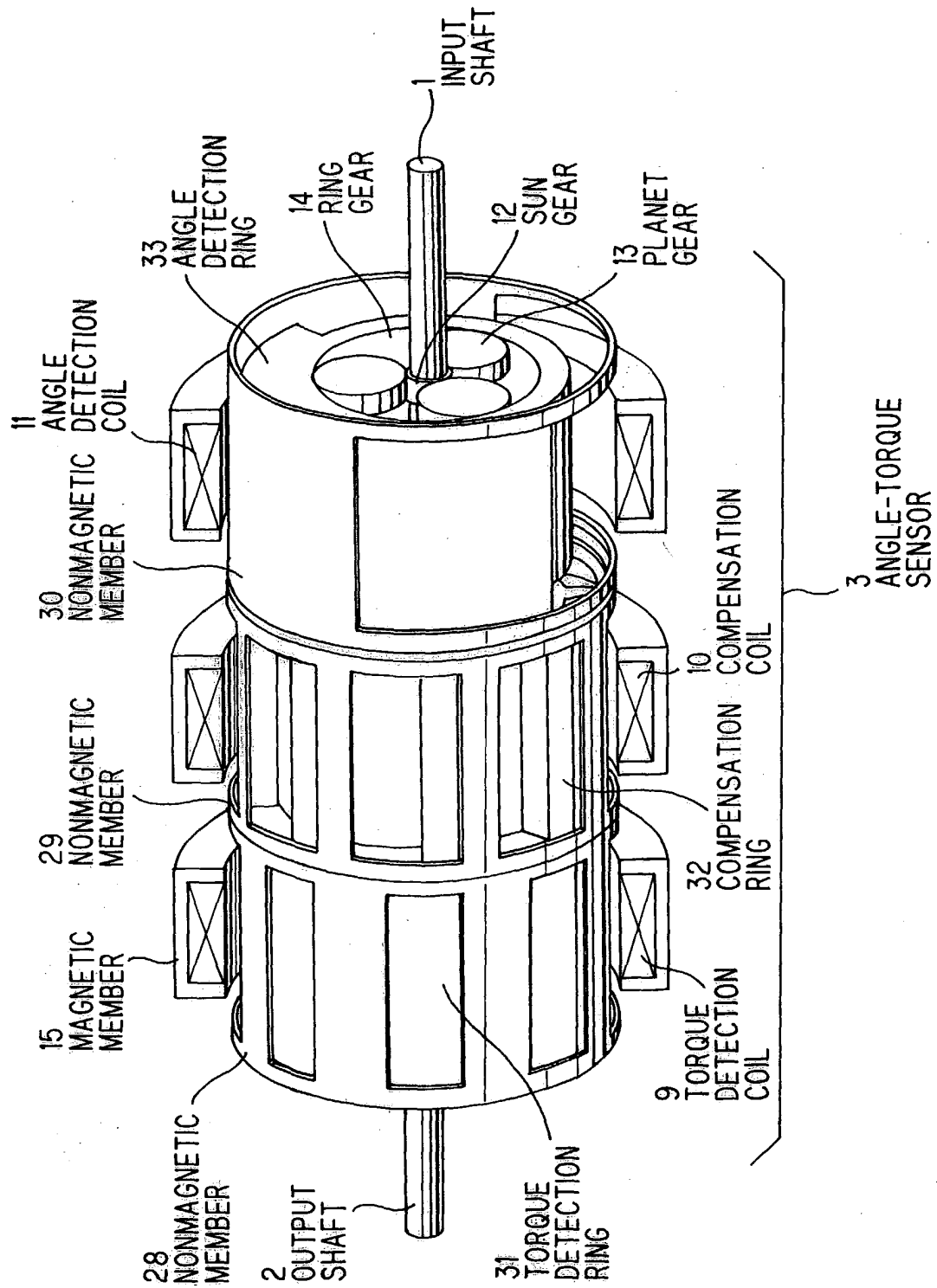


FIG. 6

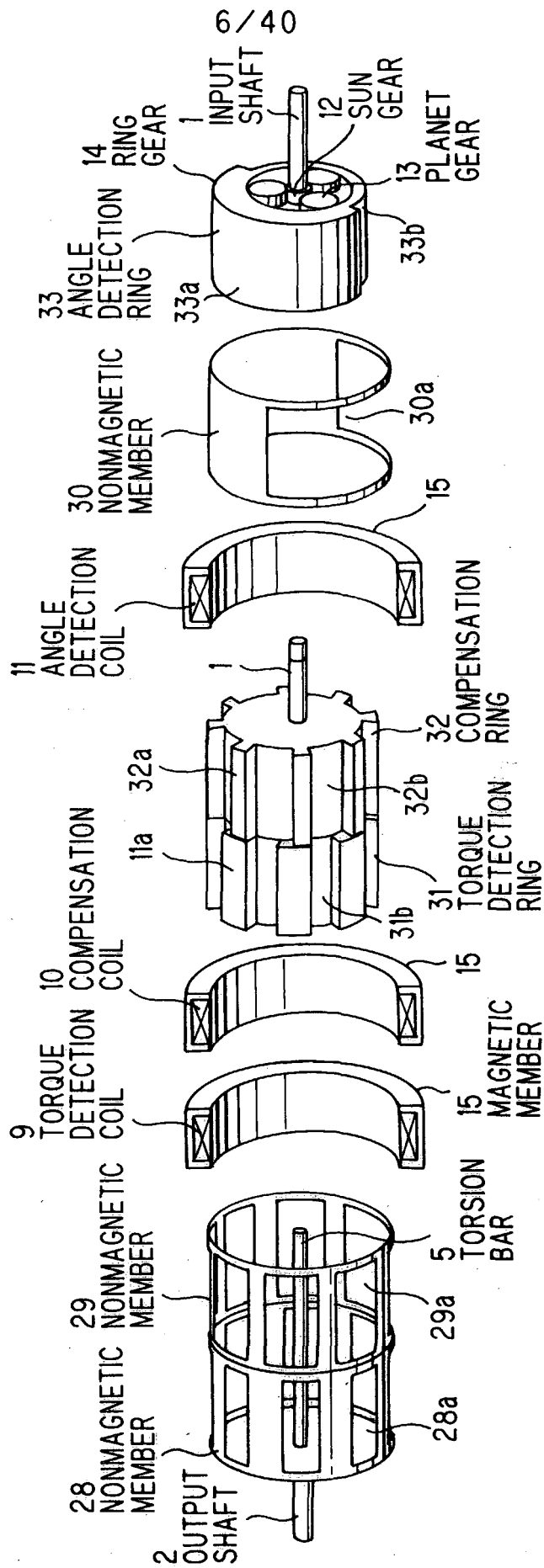


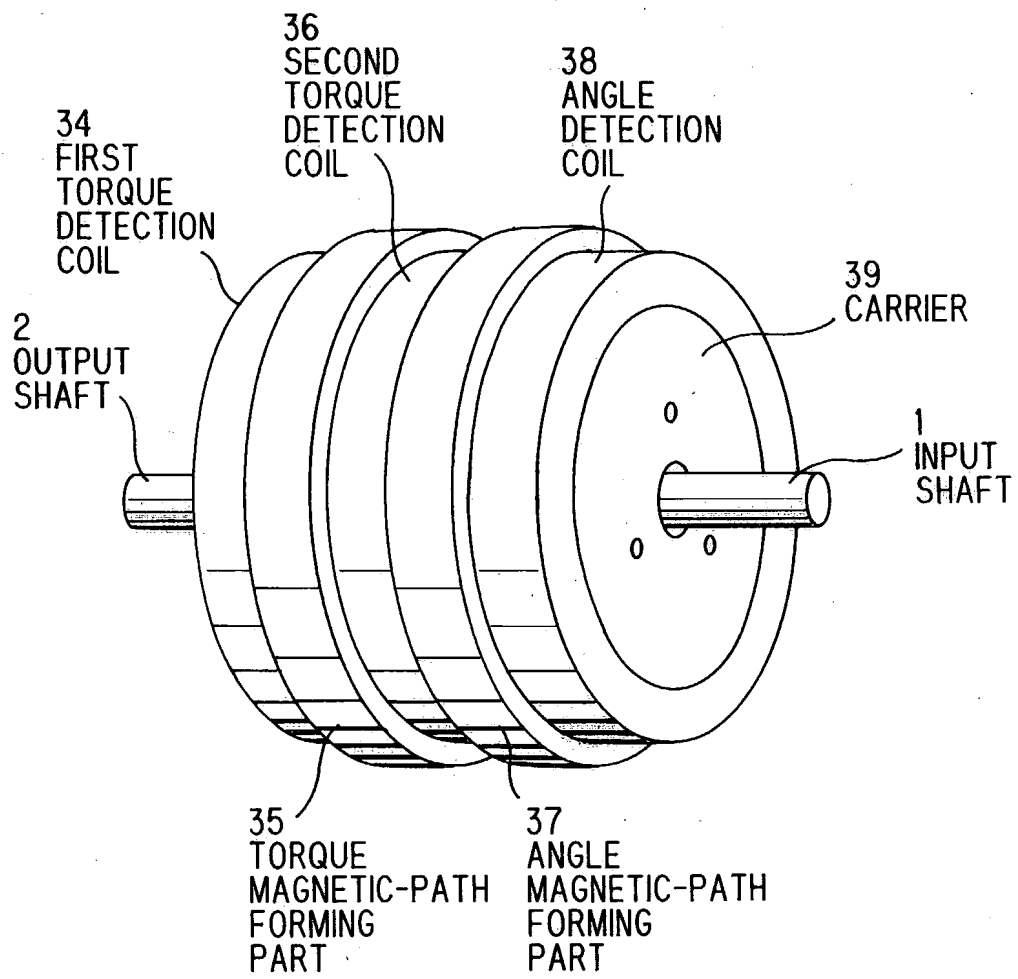
FIG. 7

FIG. 8

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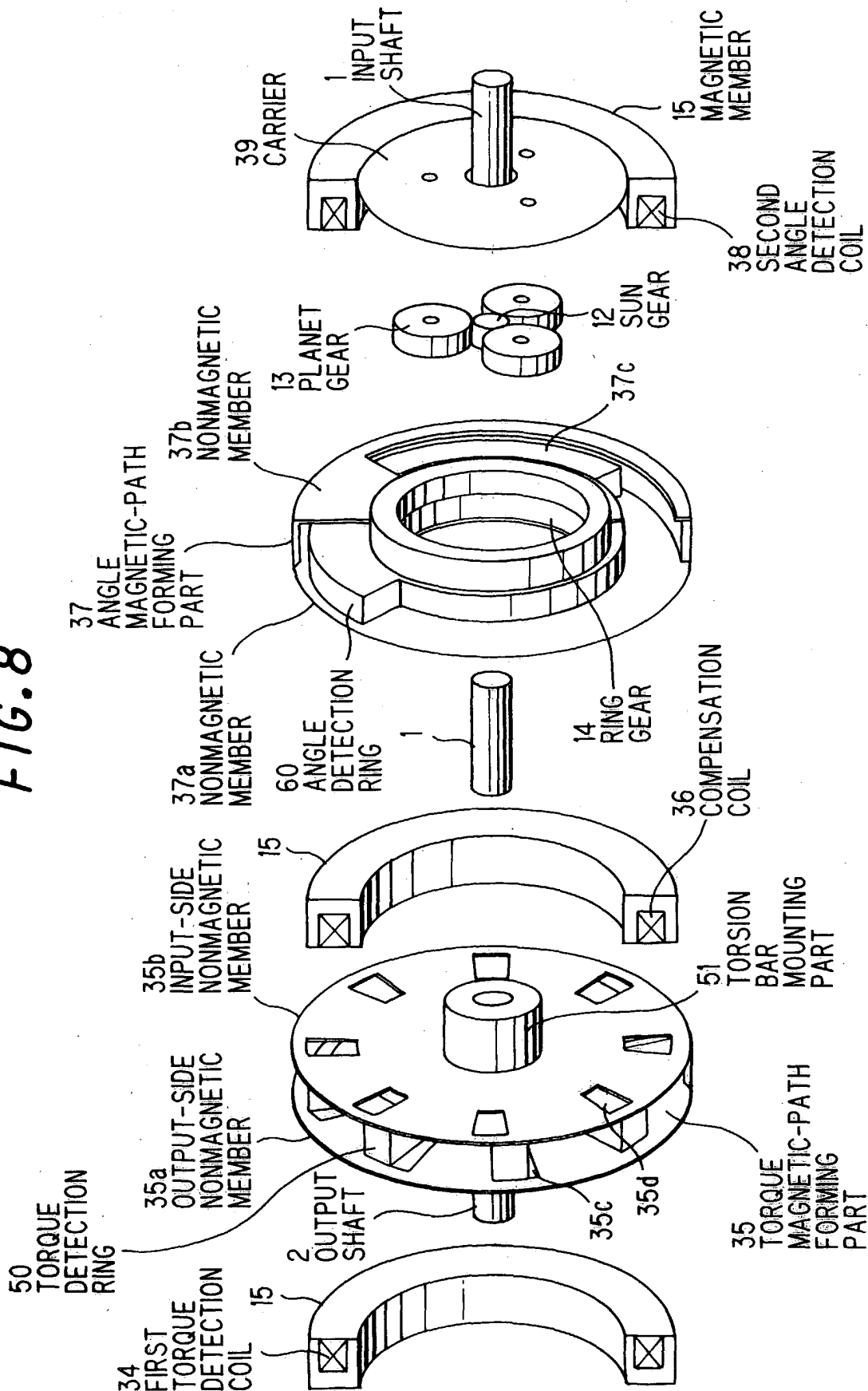


FIG. 9

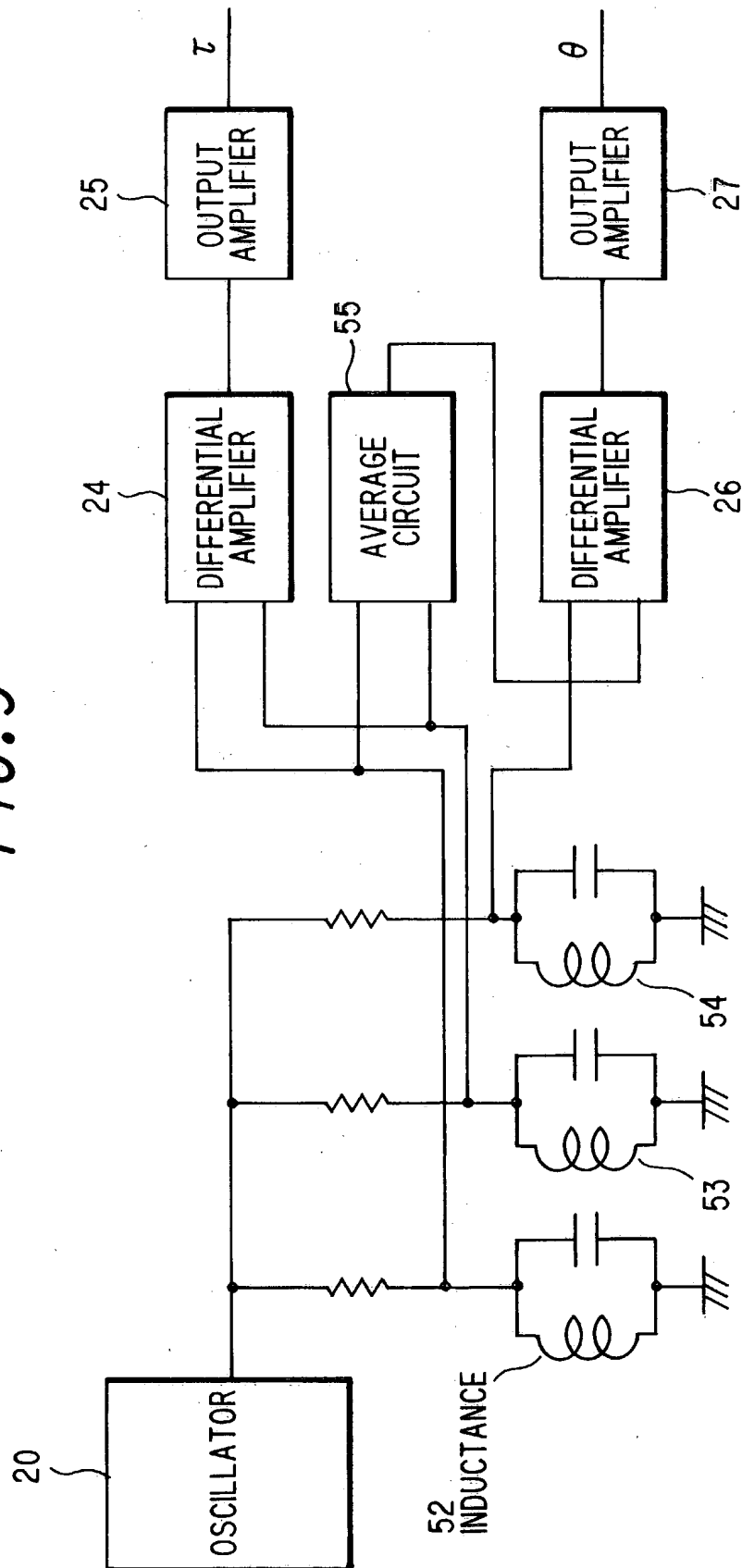
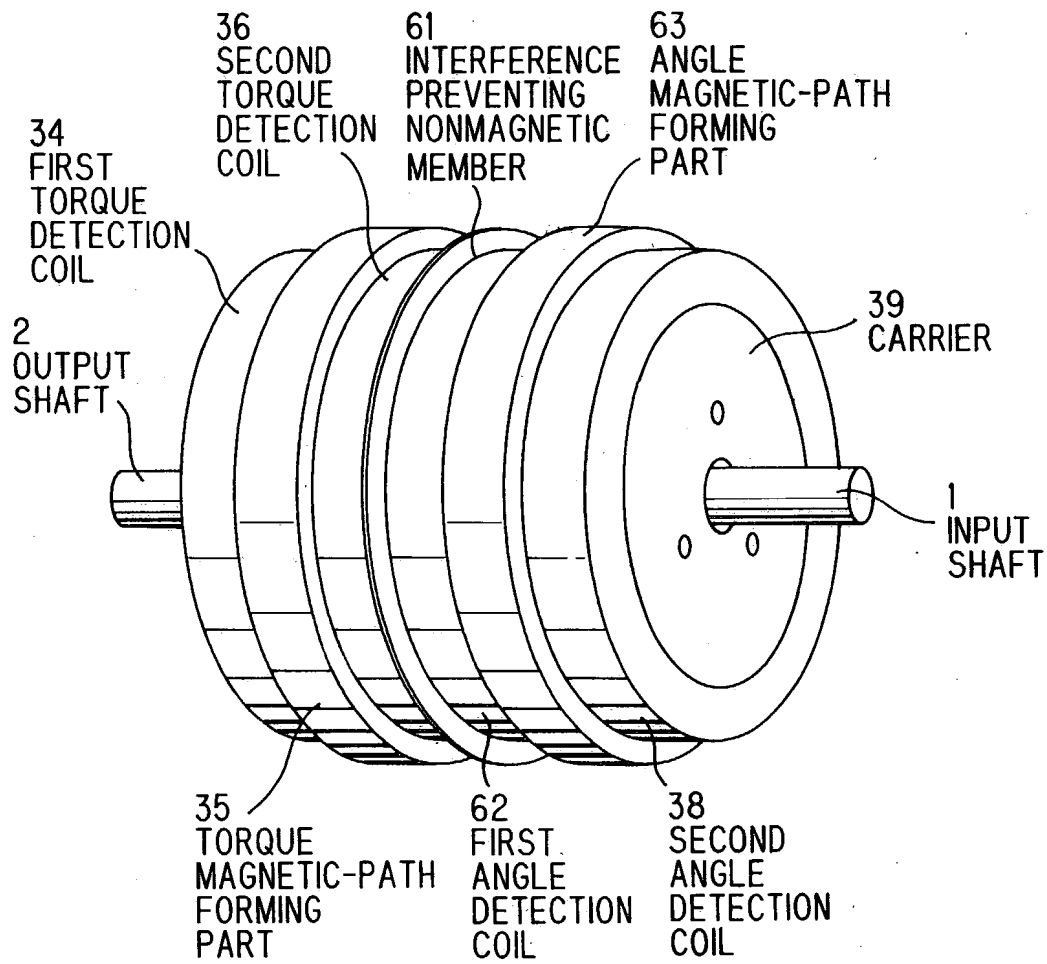


FIG. 10



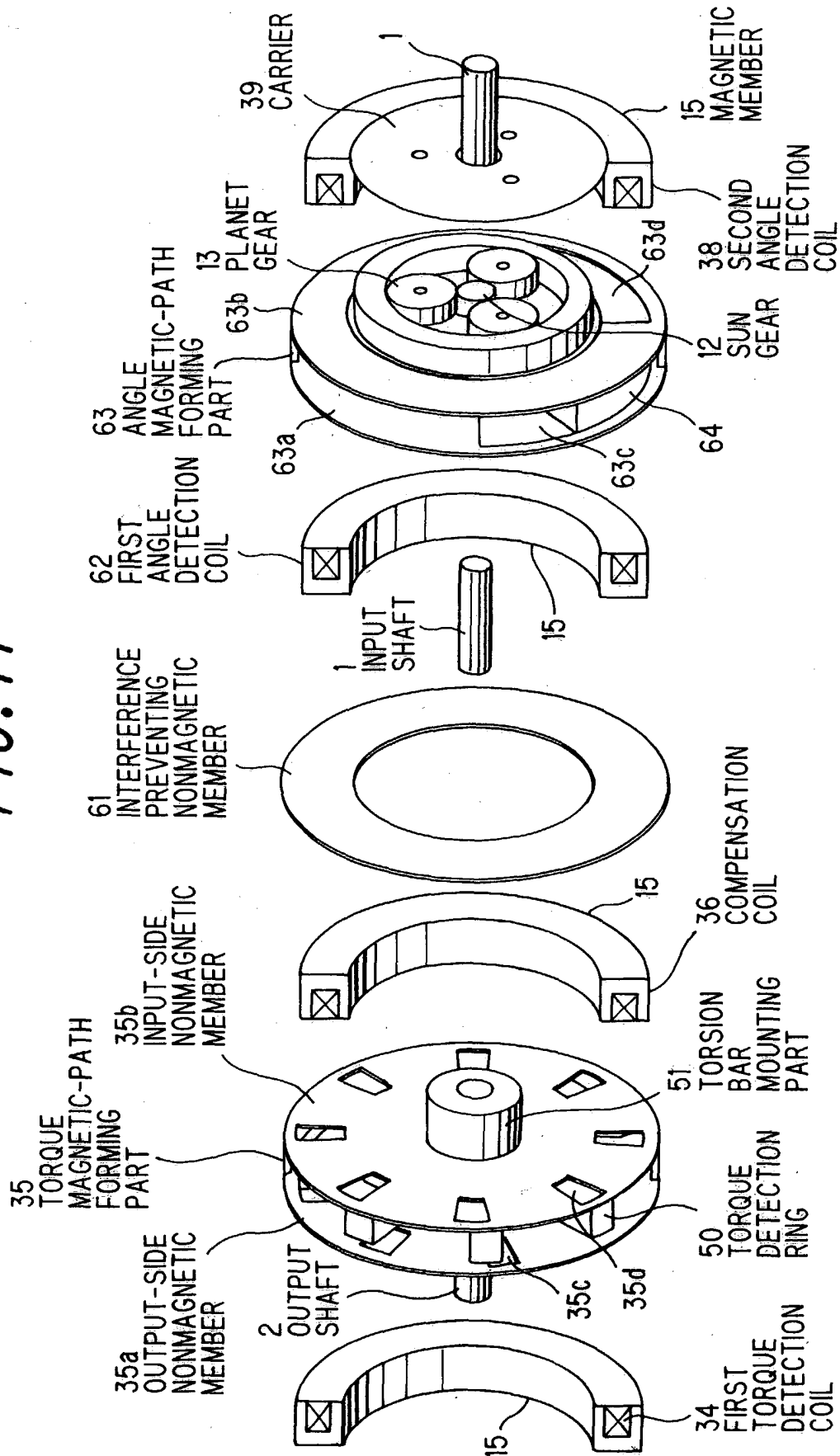


FIG. 11

35 TORQUE MAGNETIC-PATH FORMING PART 358 IND

35a
OUTPUT-SIDE
NONMAGNETIC
MEMBER

2 OUTPUT
SHAFT

35b
INPUT-SIDE
NONMAGNETIC
MEMBER

61 INTERFERENCE
PREVENTING
NONMAGNETIC
MEMBER

62 FIRST
ANGLE
DETEC
COIL

63
ANGLE
MAGNETIC-PATH
FORMING
PART

PLANET
GEAR

39 CARRIER

INPUT
SHAFT

11

50
TORQUE
DETECTION
RING

31
TORSION
BAR
MOUNTING
PART

36
COM
COIL

SATION

12 / 38 SUN SECOND ANGLE GEAR

15
MAGNETIC
MEMBER

38 SECOND ANGLE DETECTION COIL

64

FIG. 12

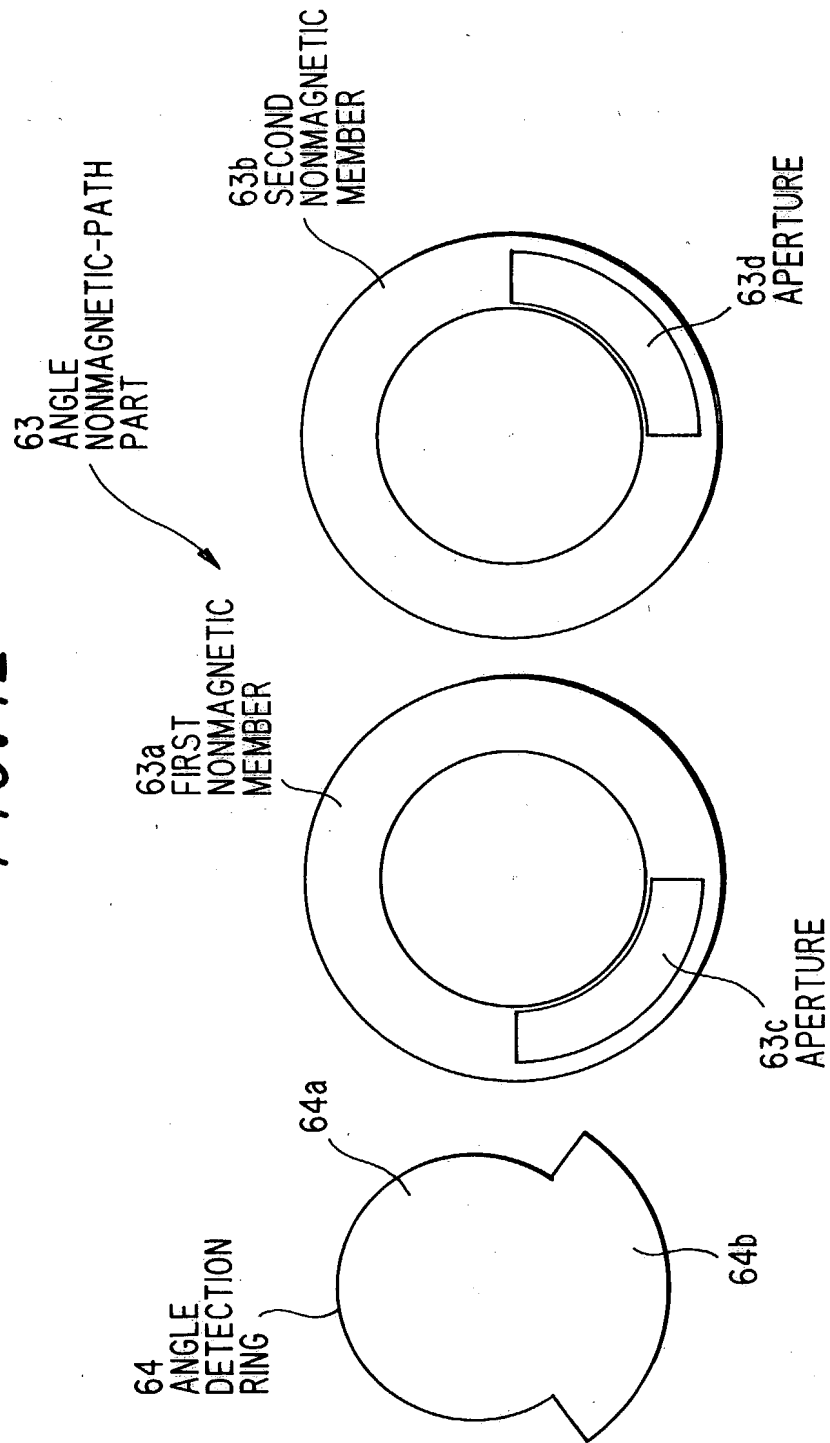


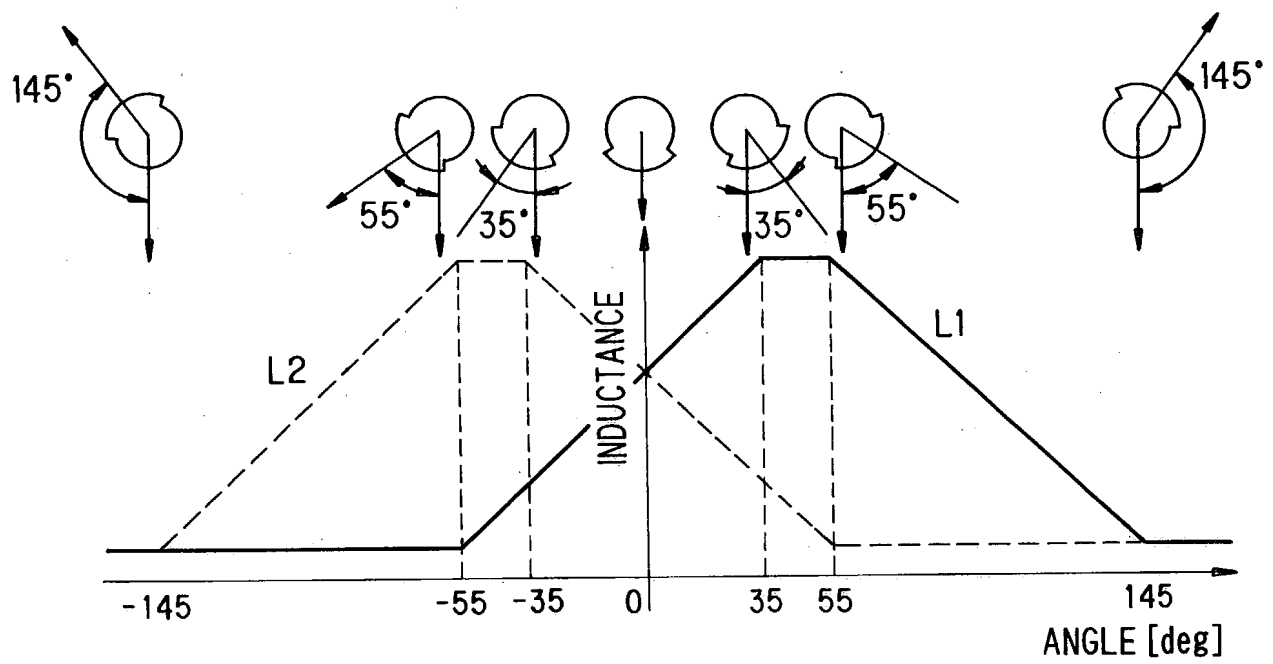
FIG. 13

FIG. 14

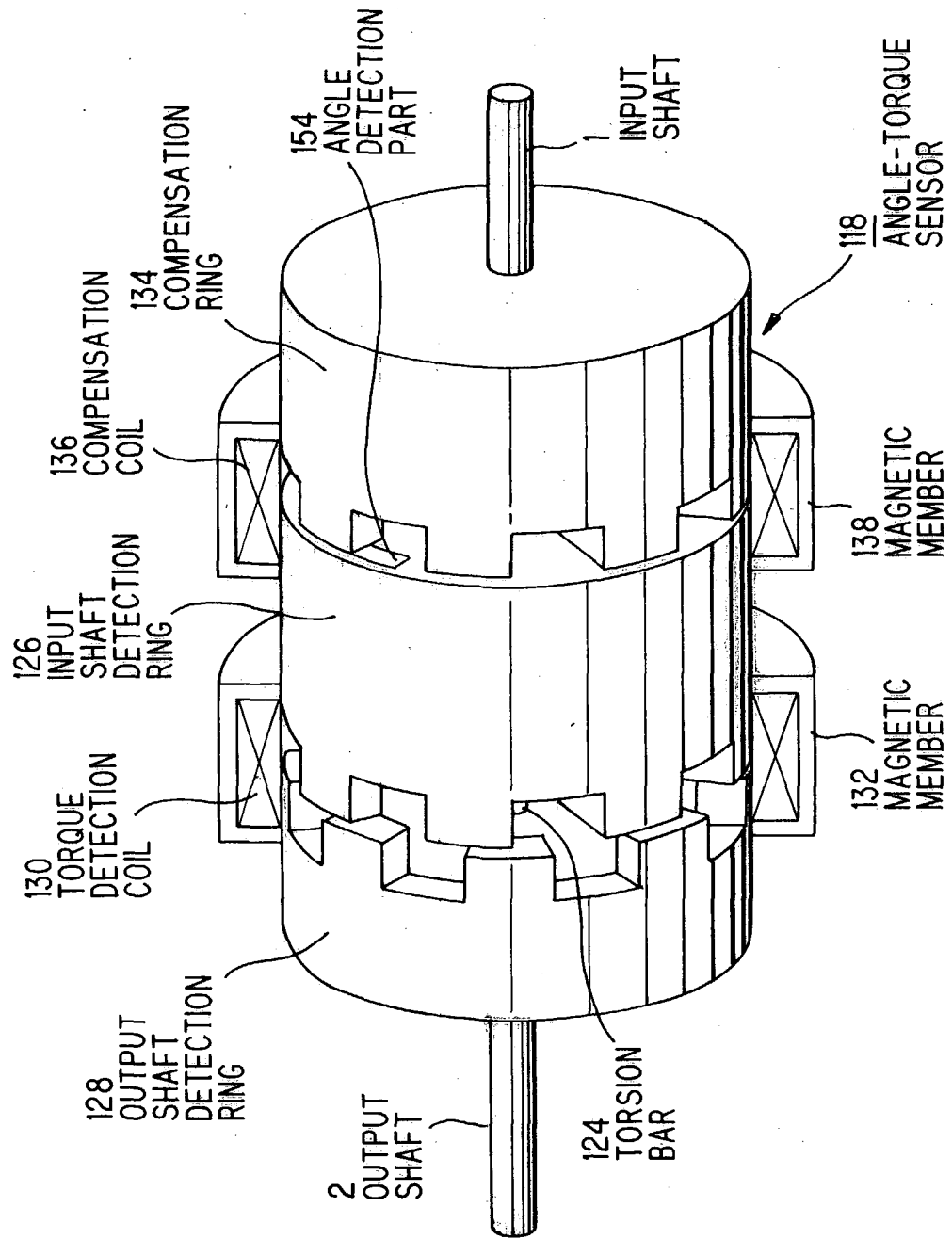


FIG. 15

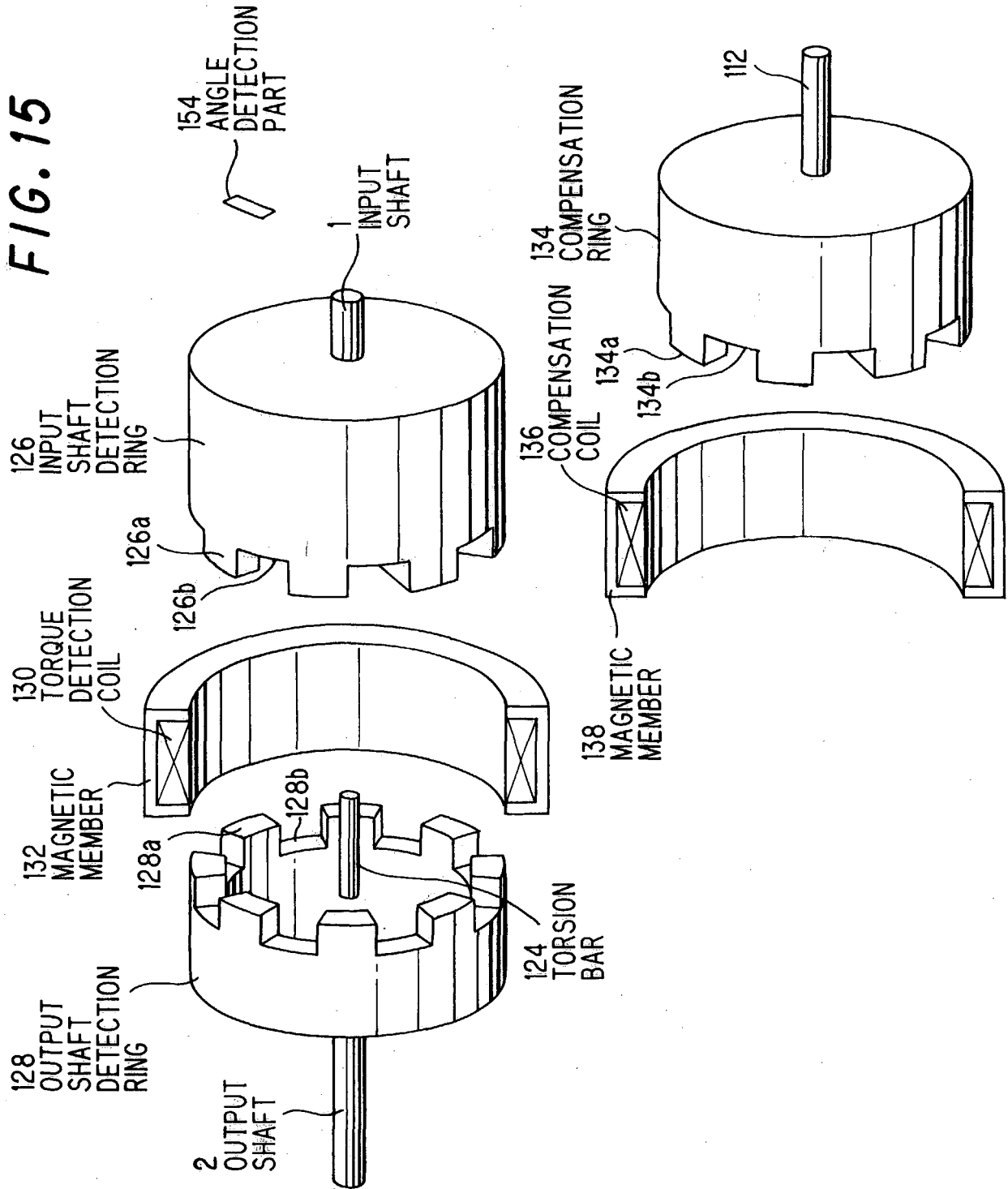


FIG. 16

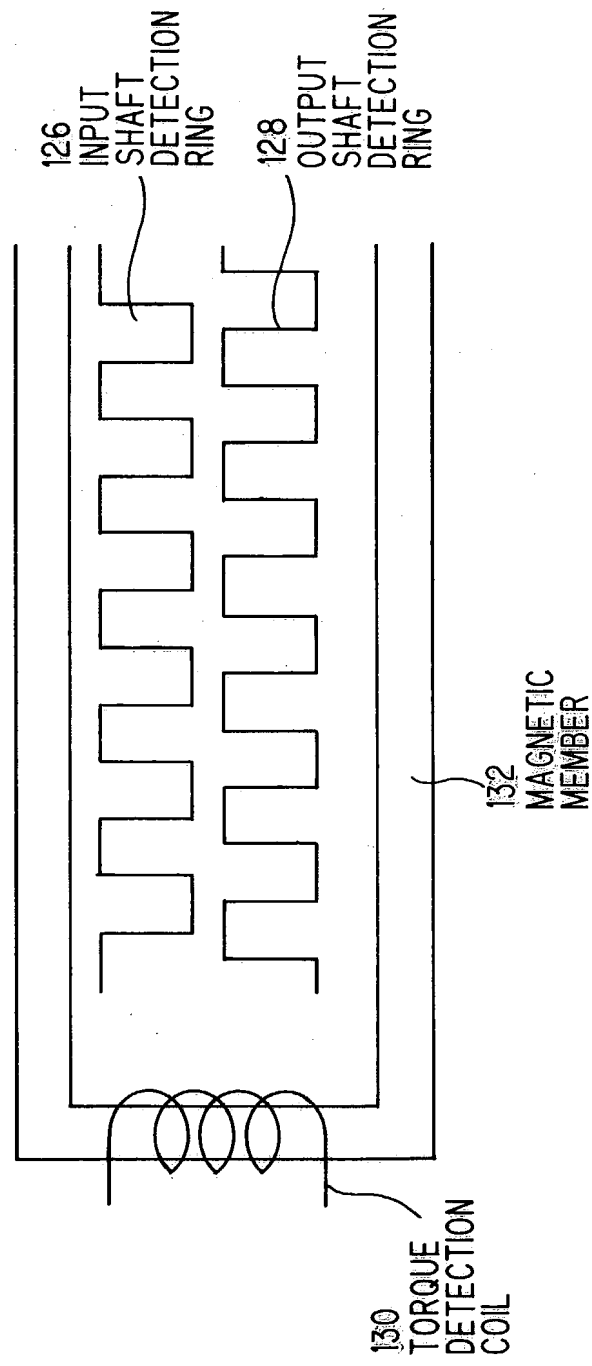


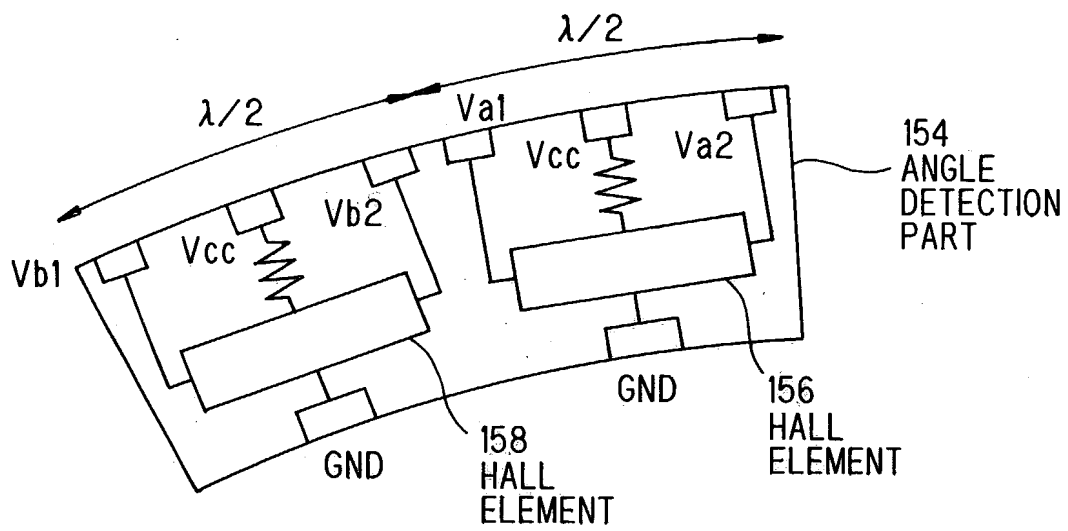
FIG. 17

FIG. 18

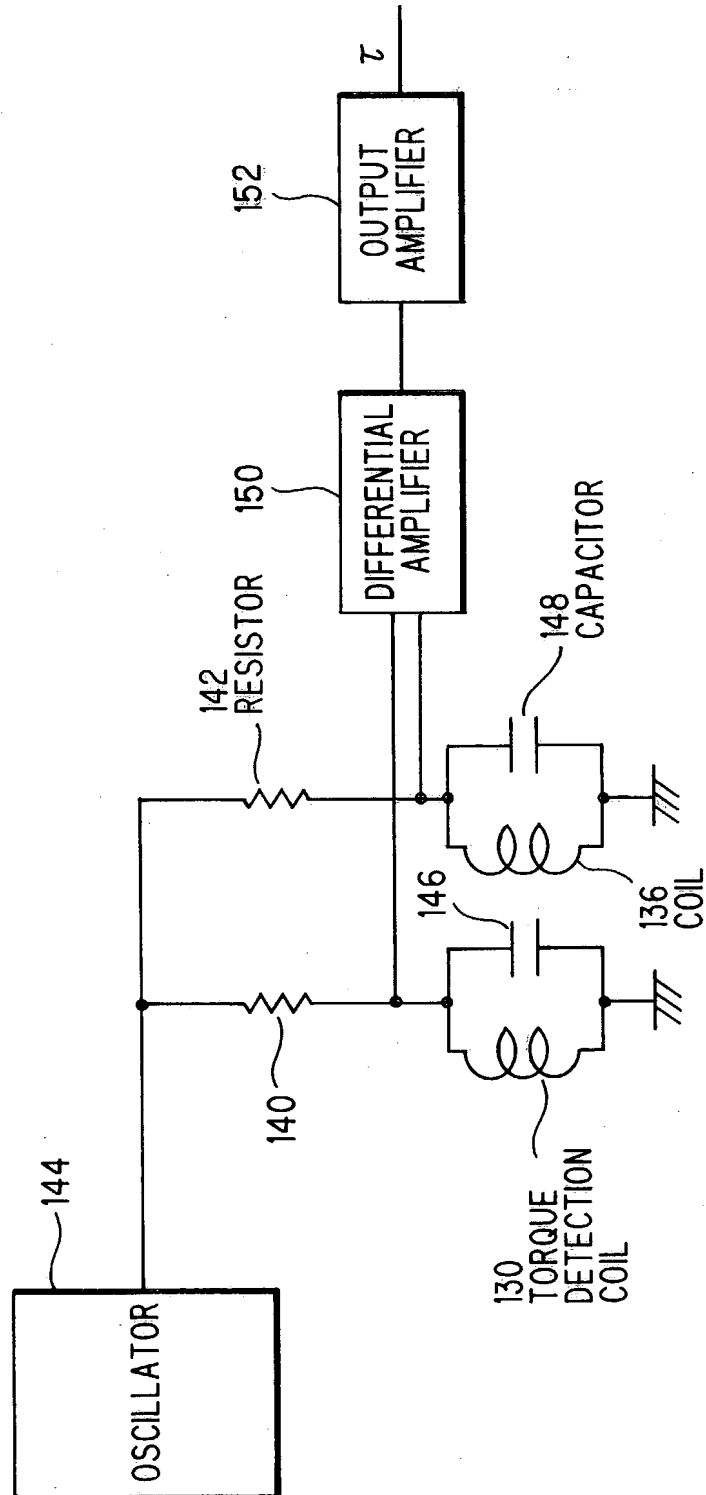


FIG 19A

FIG. 19B

FIG. 19C

FIG. 19D

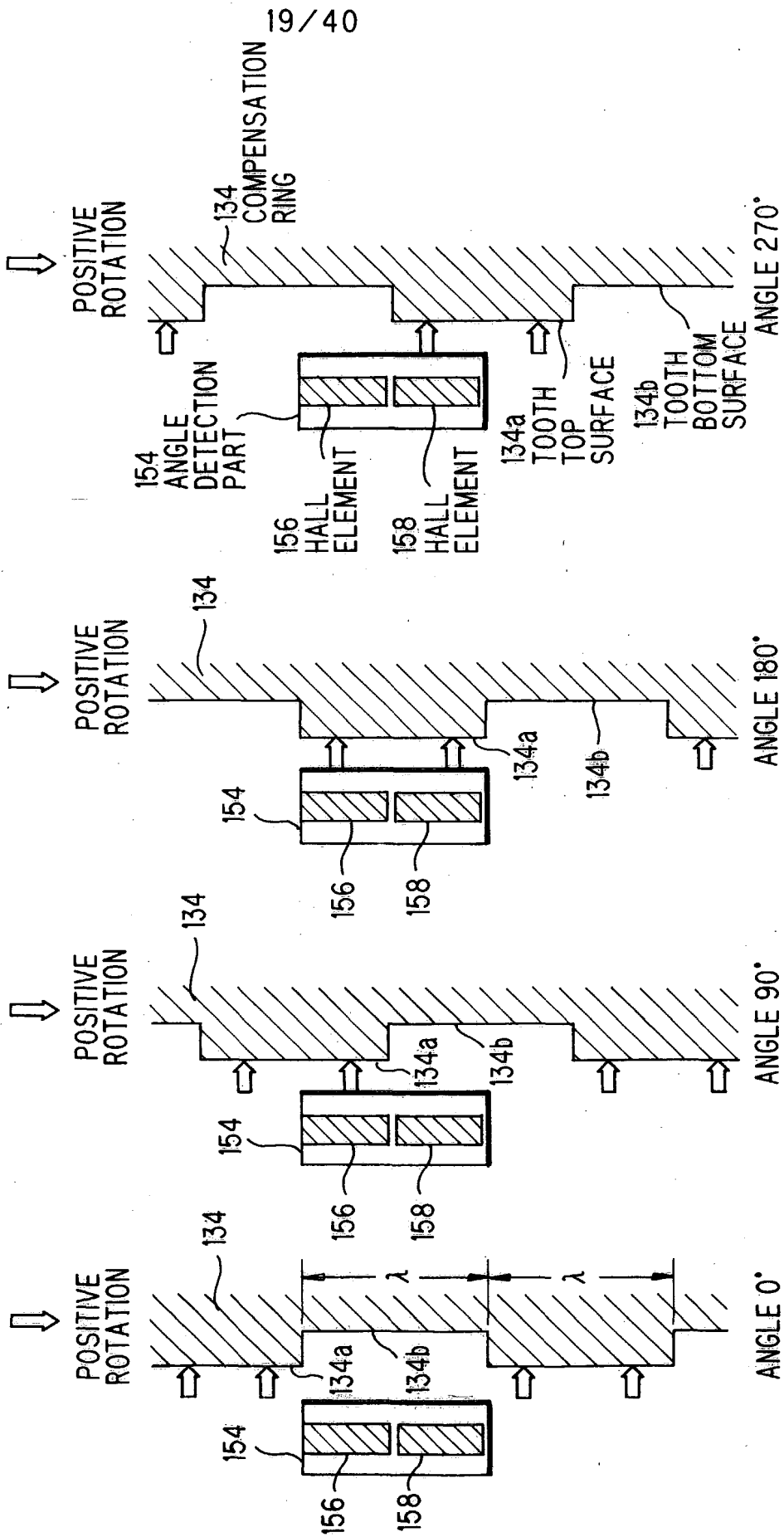


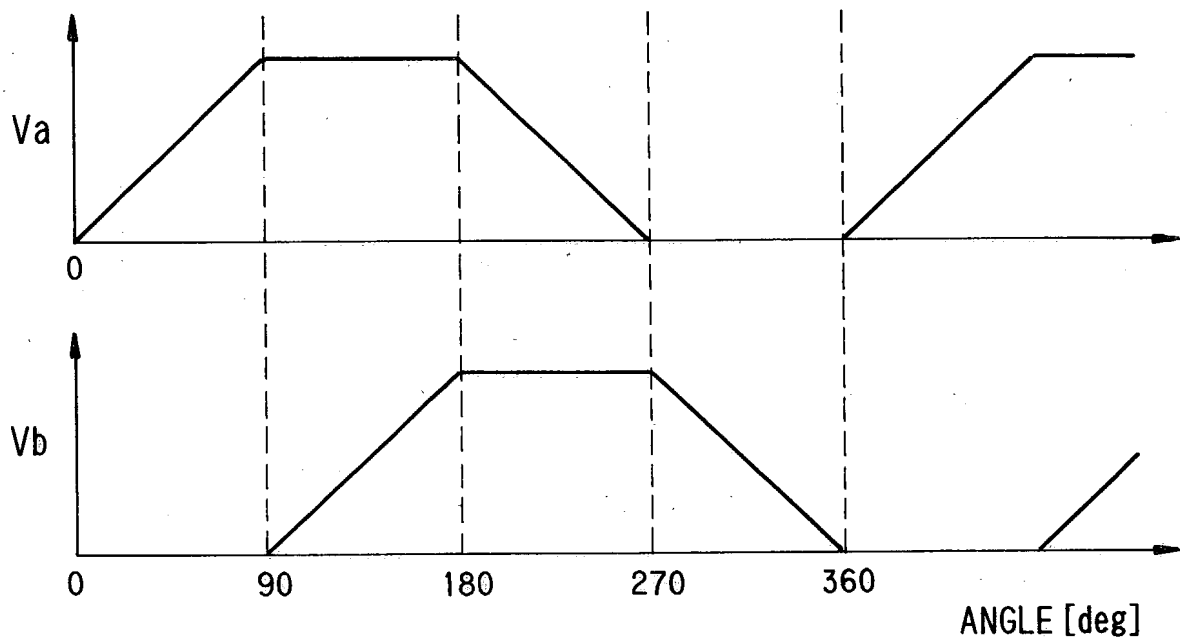
FIG. 20

FIG. 21

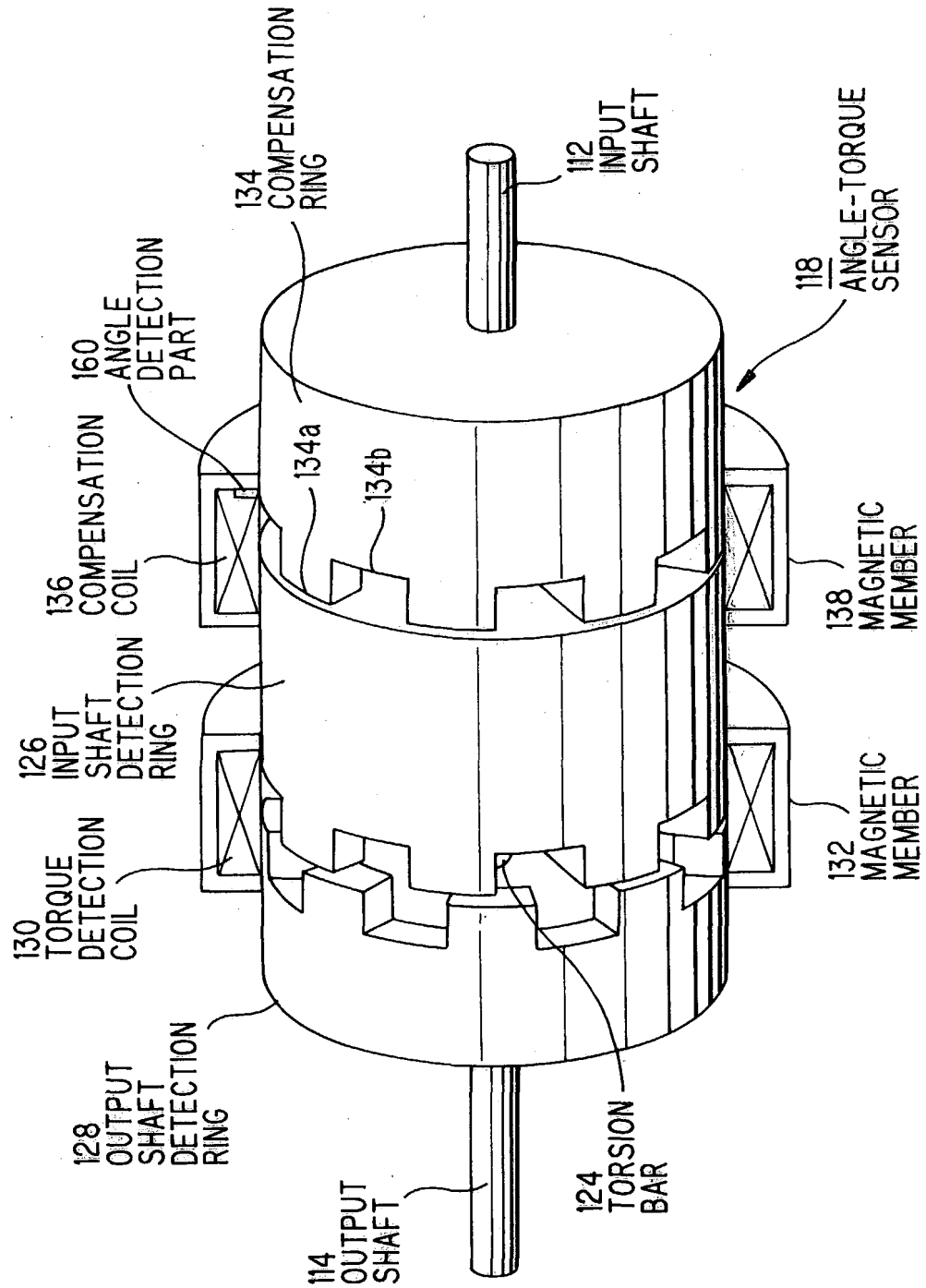


FIG 22B

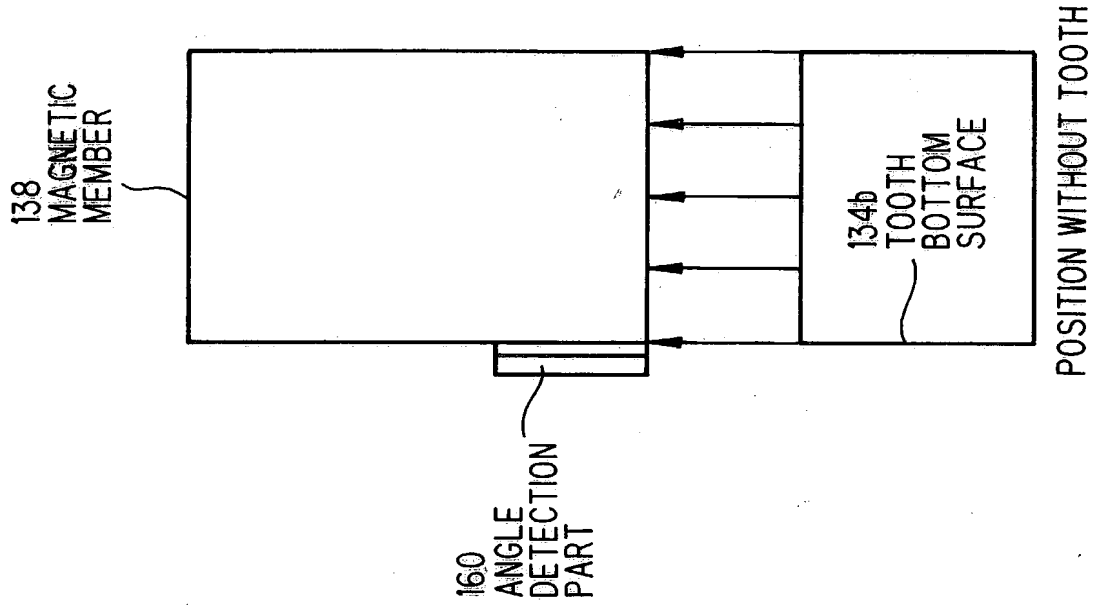


FIG. 22A

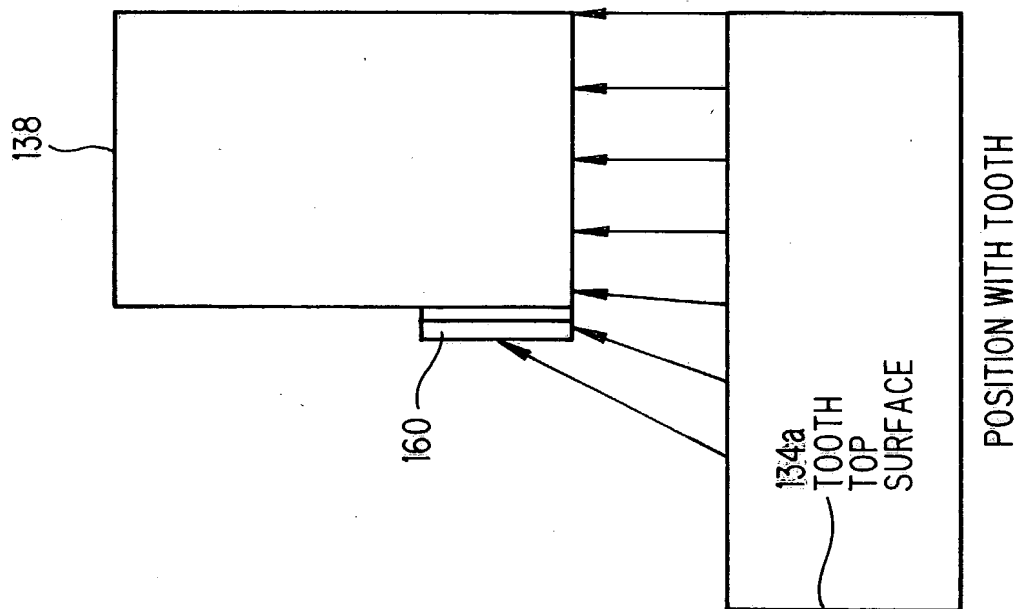


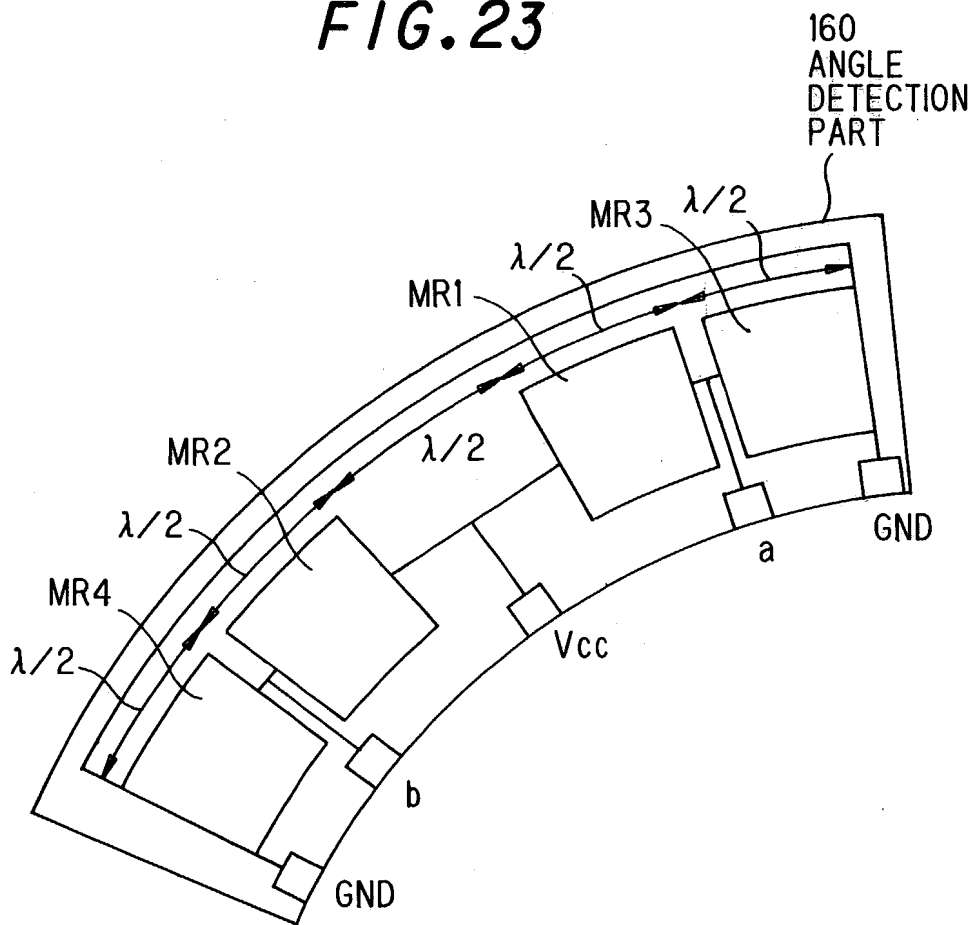
FIG. 23

FIG. 24

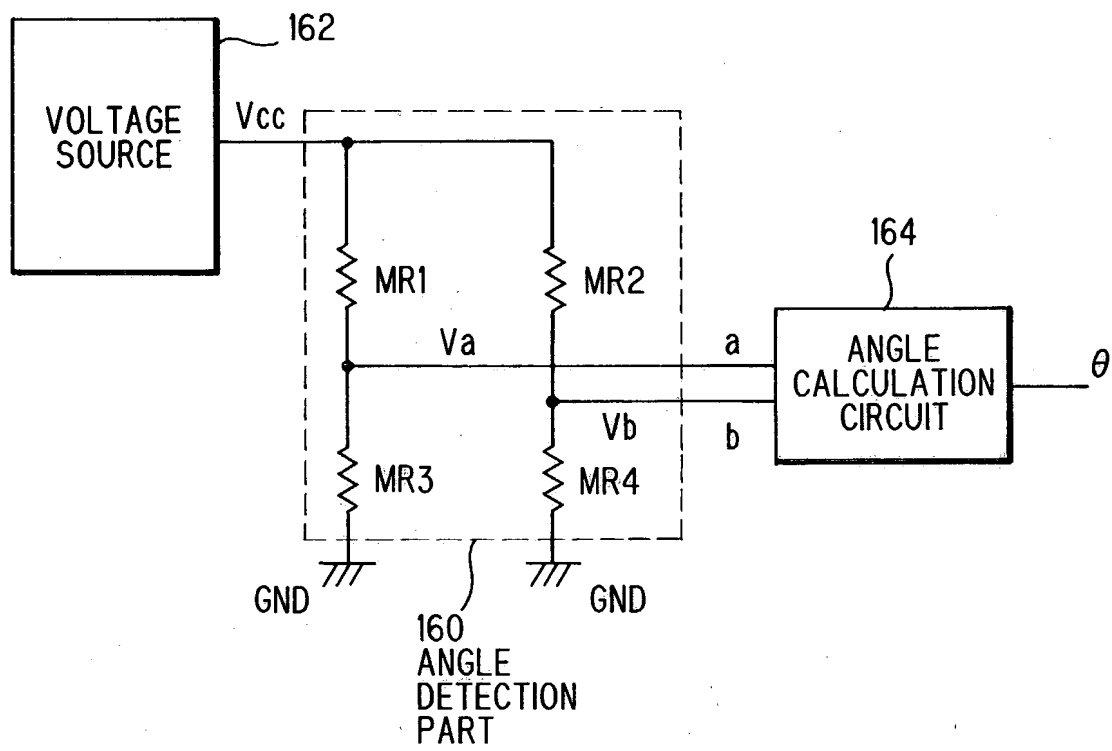


FIG. 26

ANGLE	0°	90°	180°	270°
FIGURE	FIG. 25A	FIG. 25B	FIG. 25C	FIG. 25D
MR1	MINIMUM	MAXIMUM	MAXIMUM	MINIMUM
MR2	MAXIMUM	MINIMUM	MINIMUM	MAXIMUM
MR3	MAXIMUM	MAXIMUM	MINIMUM	MINIMUM
MR4	MAXIMUM	MAXIMUM	MINIMUM	MINIMUM
TERMINAL A VOLTAGE	$V_0 + V_s$	V_0	$V_0 - V_s$	V_0
TERMINAL B VOLTAGE	V_0	$V_0 + V_s$	V_0	$V_0 - V_s$

FIG. 27

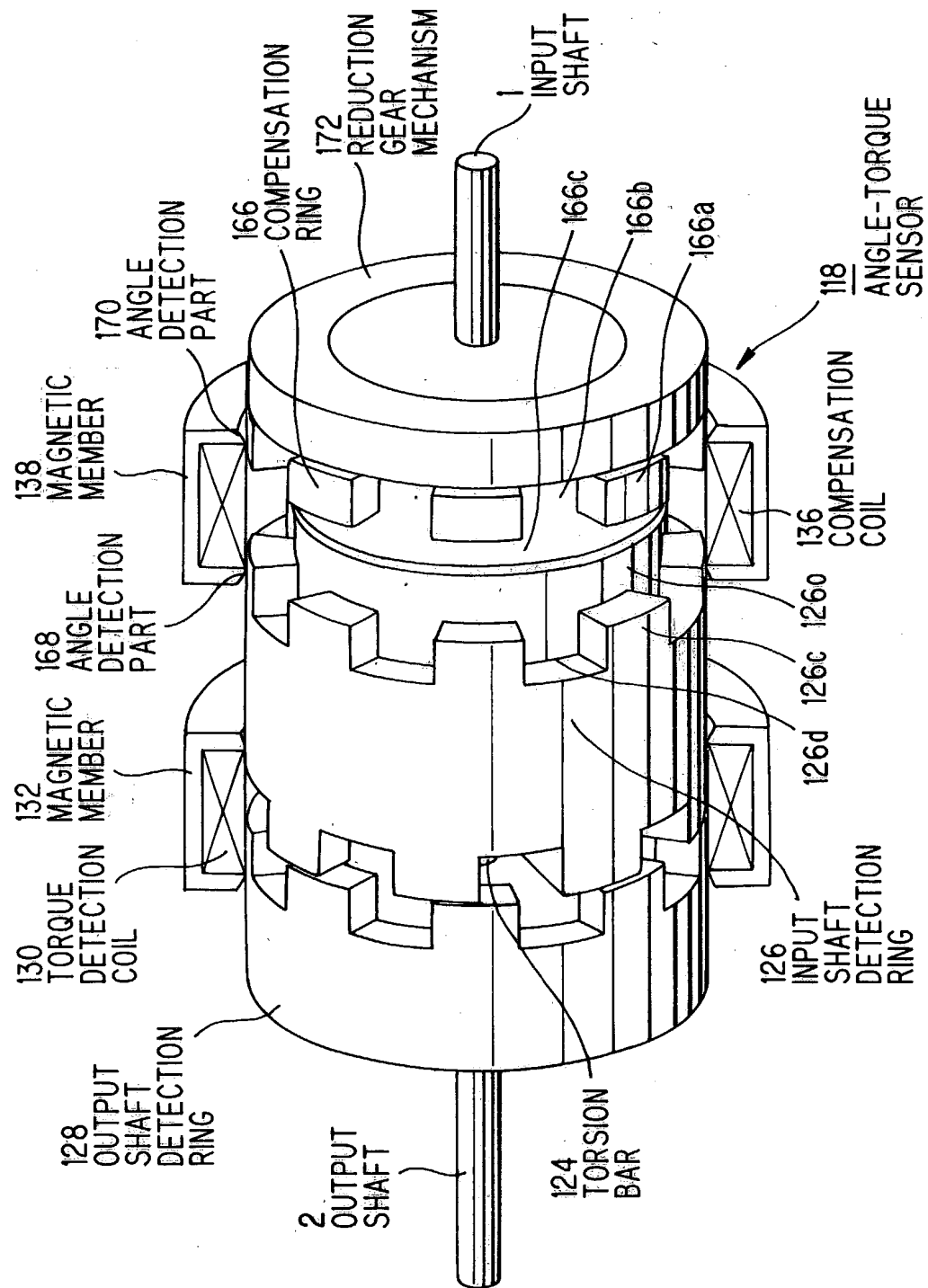


FIG. 28

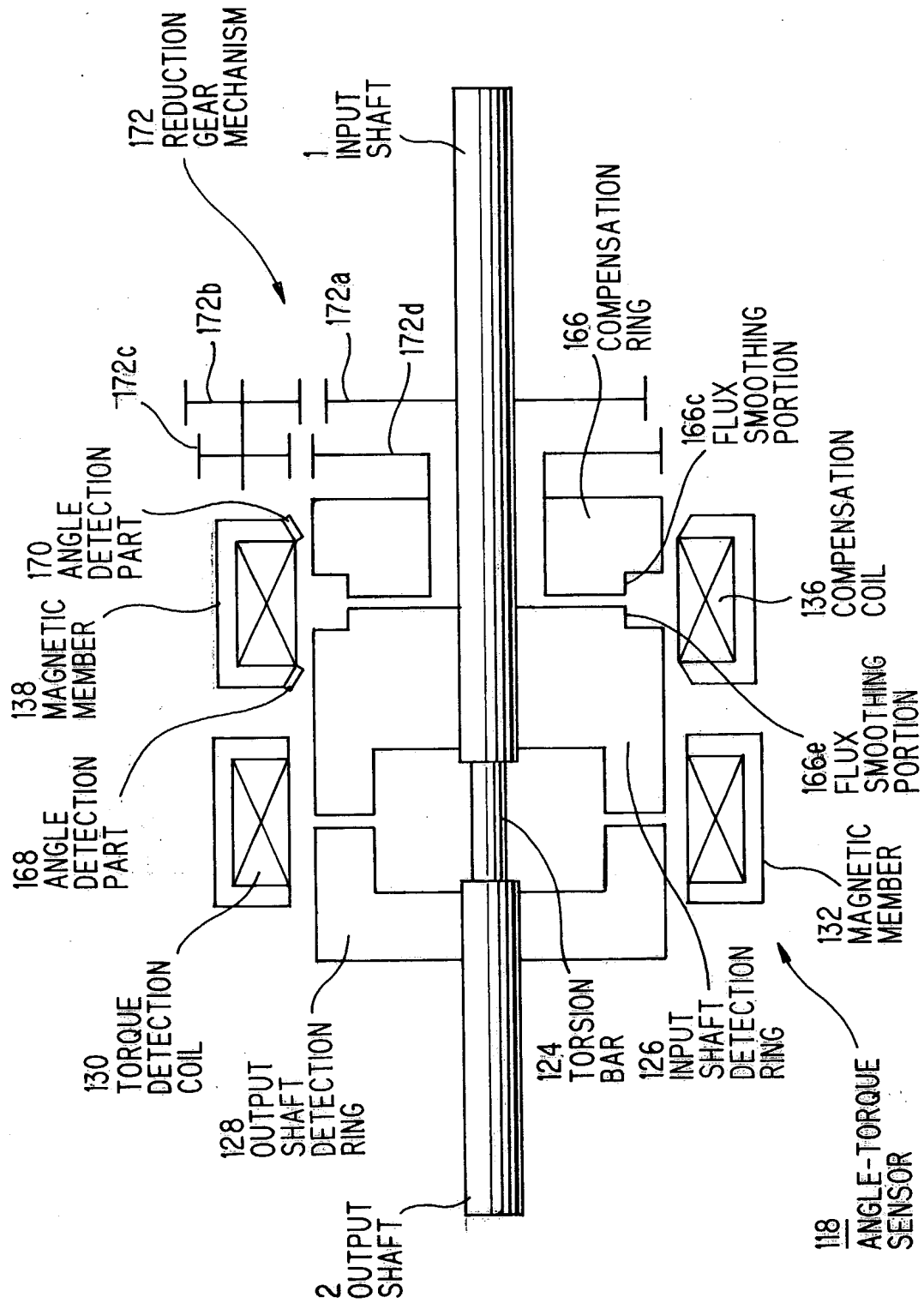
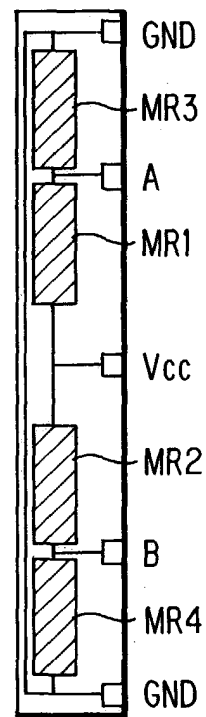
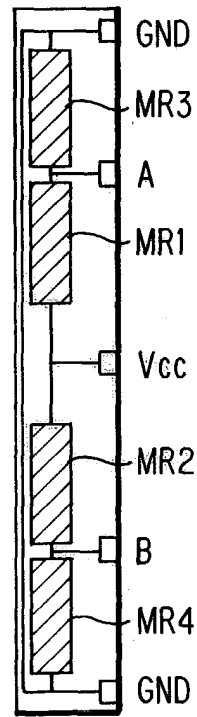


FIG.29A



ANGLE
DETECTION
PART 168

FIG.29B



ANGLE
DETECTION
PART 170

FIG. 30

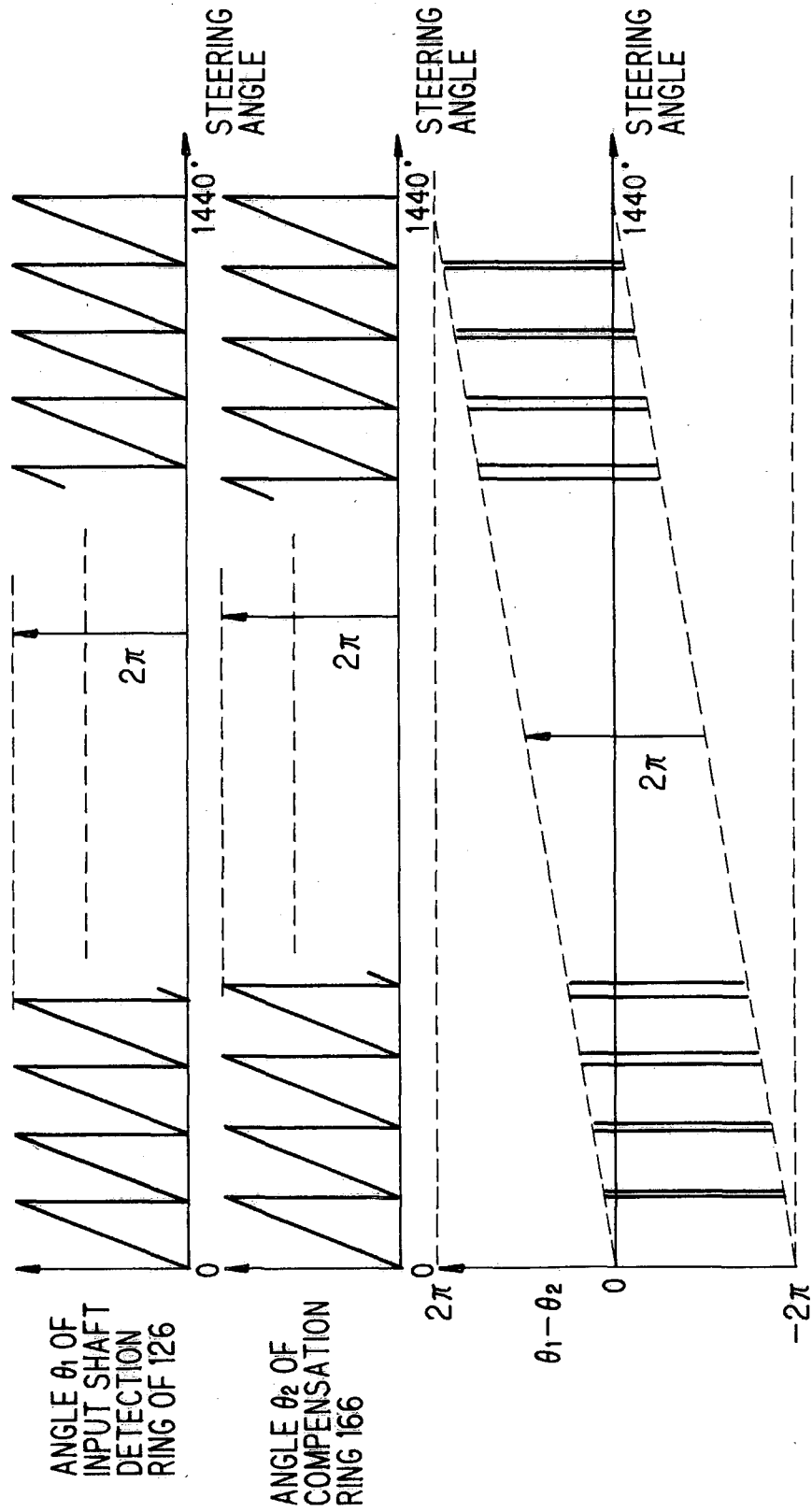


FIG. 31

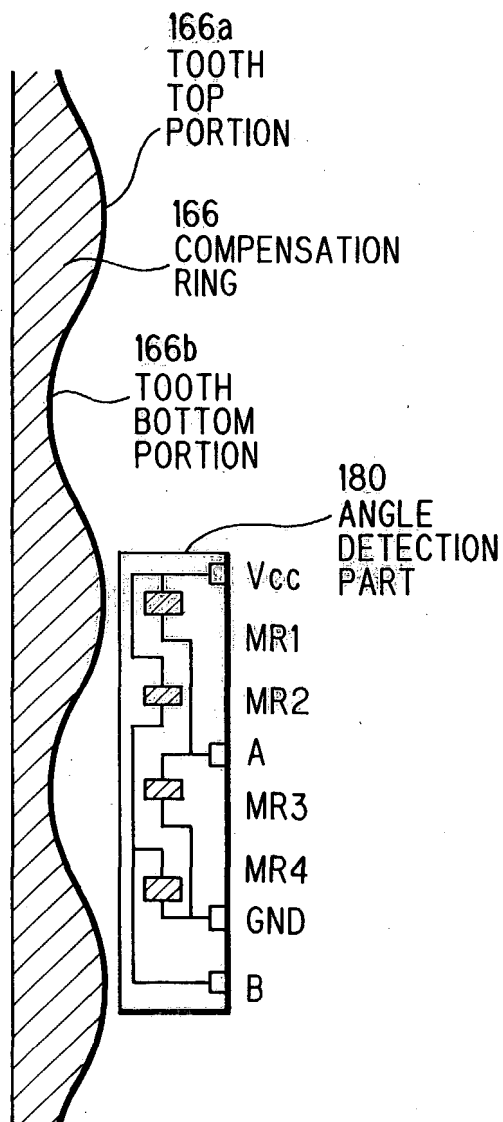
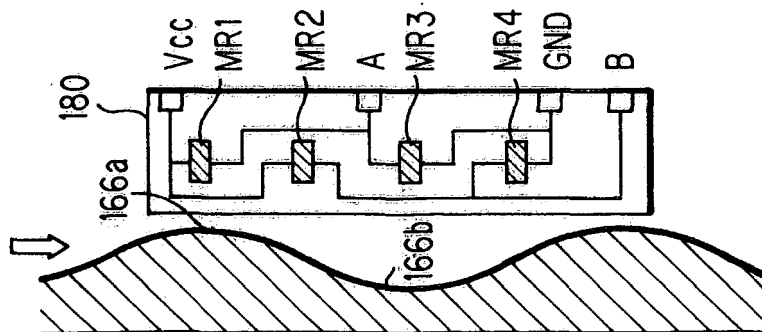


FIG. 32A

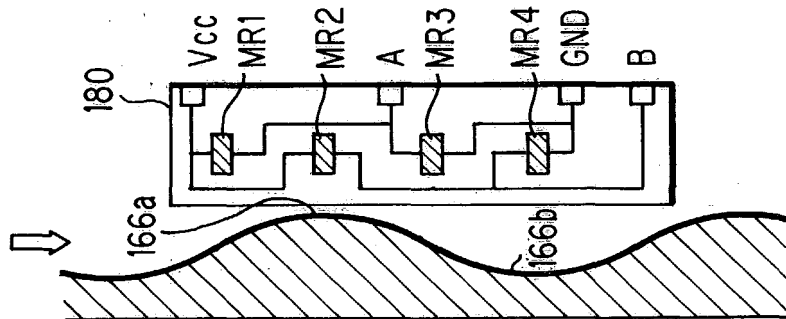
POSITIVE
ROTATION



ANGLE 0°

FIG. 32B

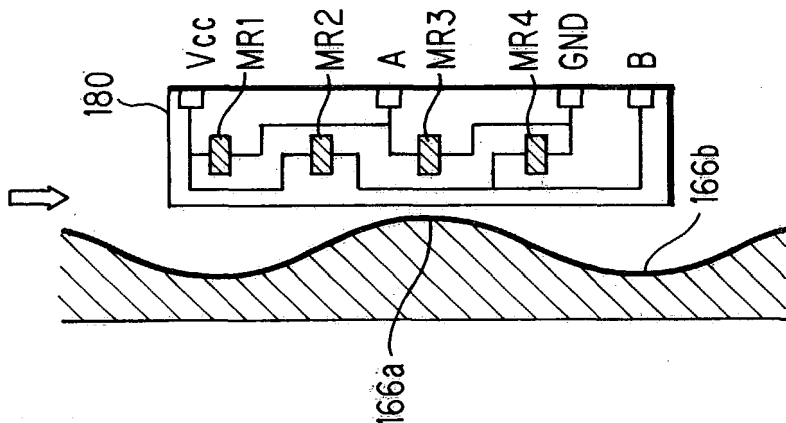
POSITIVE
ROTATION



ANGLE 90°

FIG. 32C

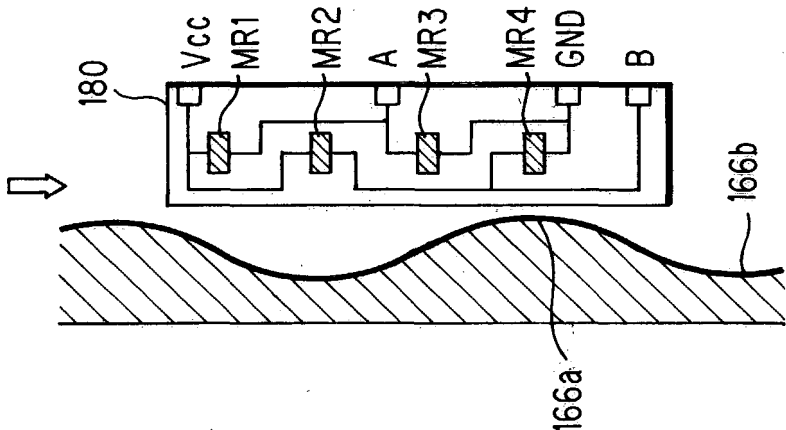
POSITIVE
ROTATION



ANGLE 180°

FIG. 32D

POSITIVE
ROTATION



ANGLE 270°

FIG. 33

ANGLE	0°	90°	180°	270°
FIGURE	FIG. 32A	FIG. 32B	FIG. 32C	FIG. 32D
MR1	MINIMUM	MEDIUM	MAXIMUM	MEDIUM
MR2	MEDIUM	MINIMUM	MEDIUM	MAXIMUM
MR3	MAXIMUM	MEDIUM	MAXIMUM	MEDIUM
MR4	MEDIUM	MAXIMUM	MEDIUM	MINIMUM
TERMINAL A VOLTAGE	$V_0 + V_s$	V_0	$V_0 - V_s$	V_0
TERMINAL B VOLTAGE	V_0	$V_0 + V_s$	V_0	$V_0 - V_s$

FIG. 34

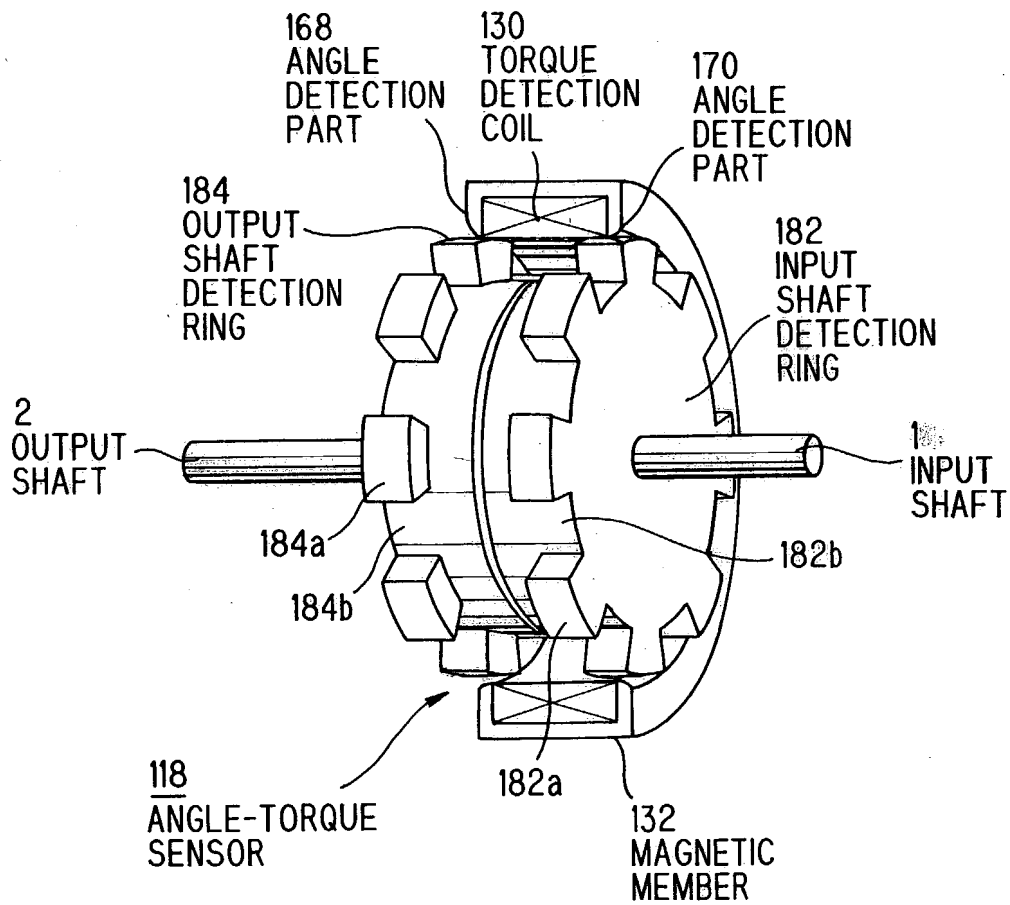


FIG. 35

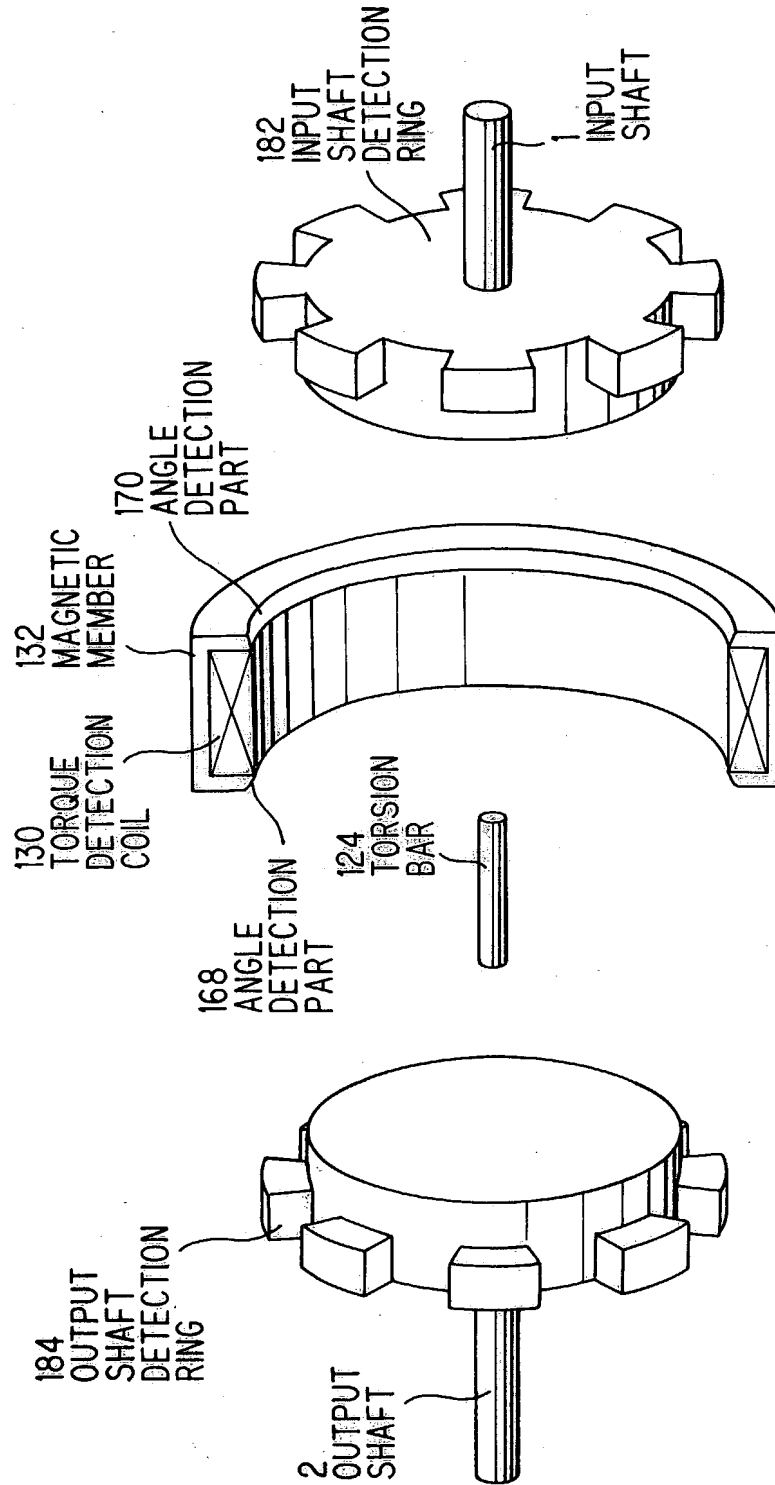


FIG. 36

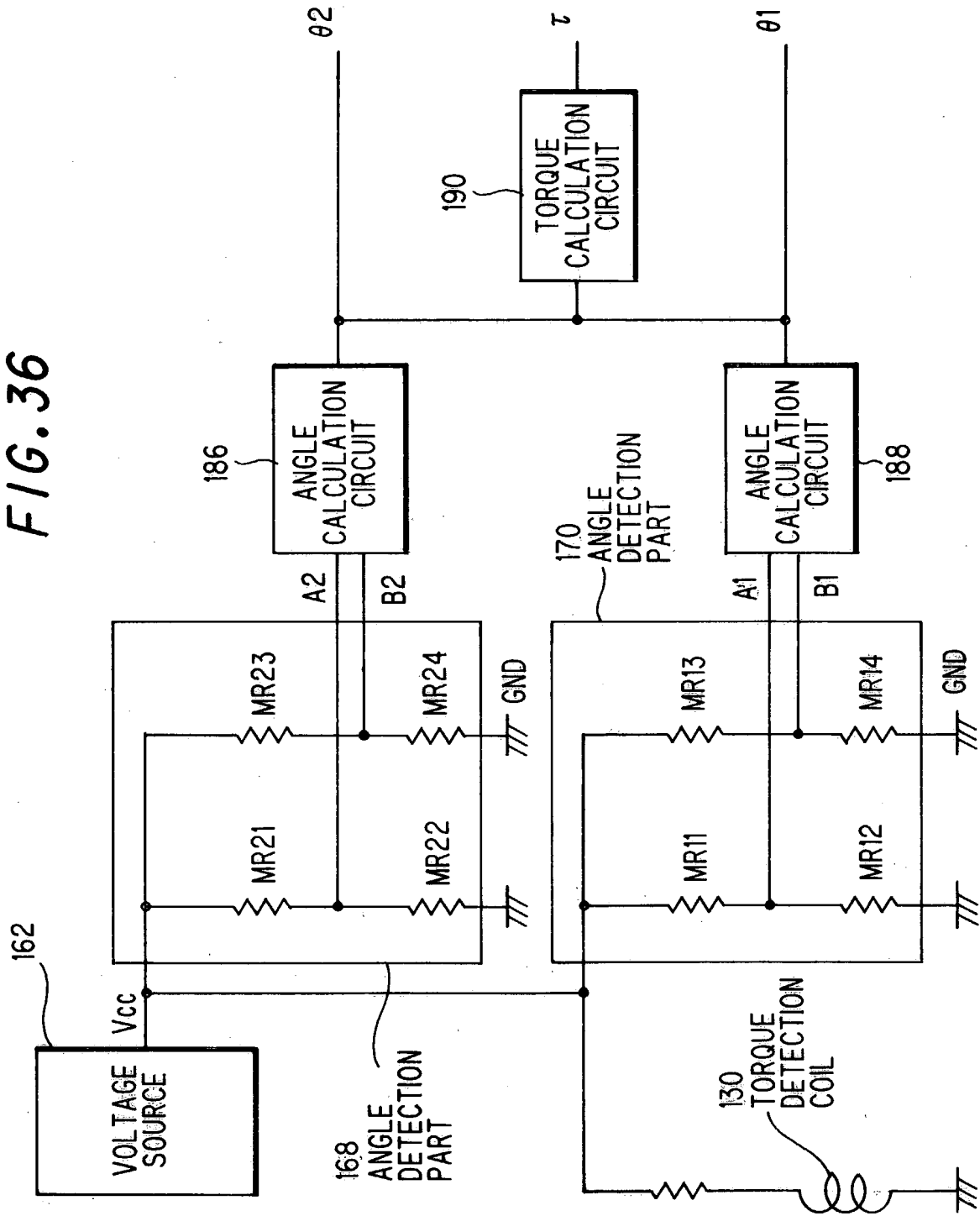


FIG. 37

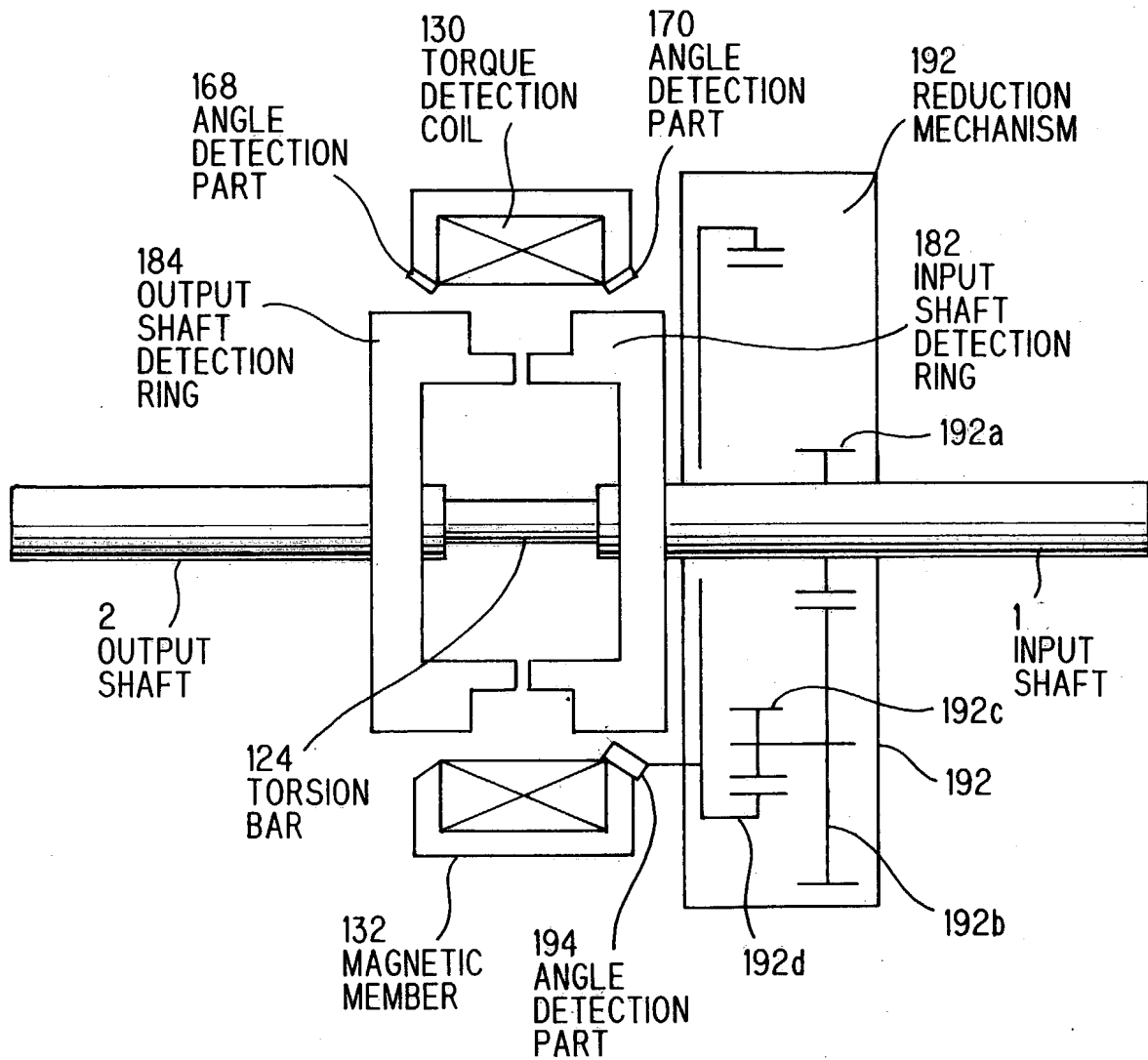


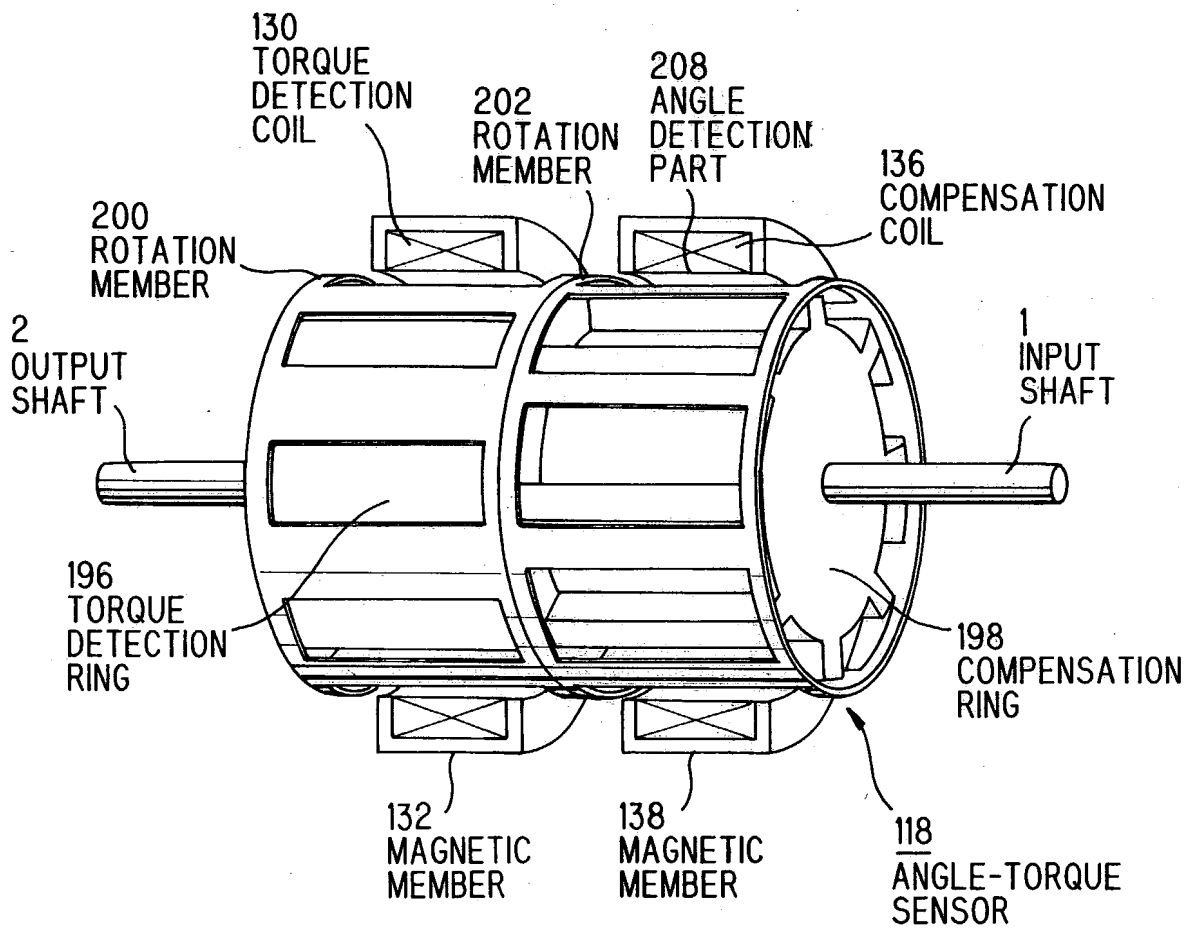
FIG. 38

FIG. 39

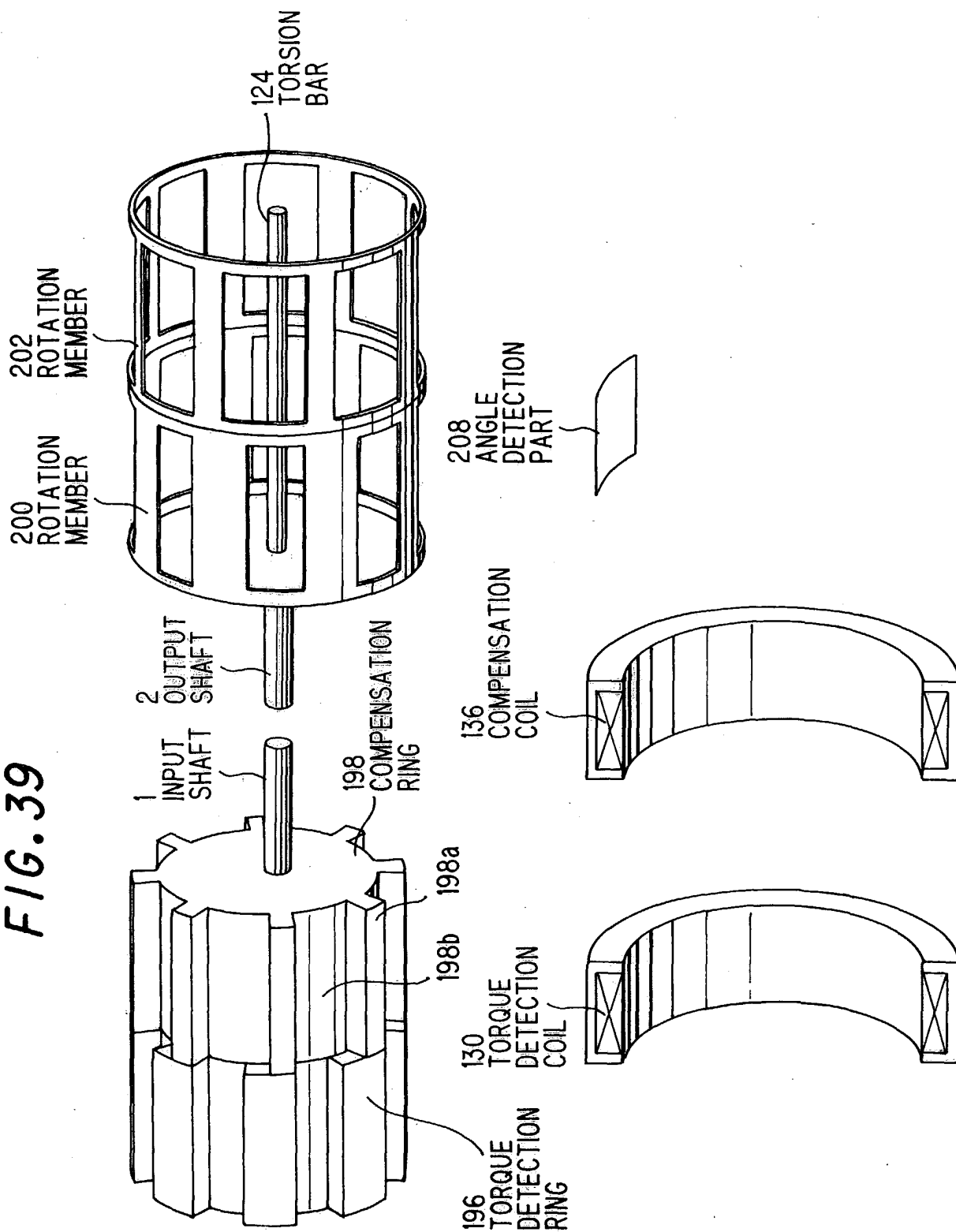
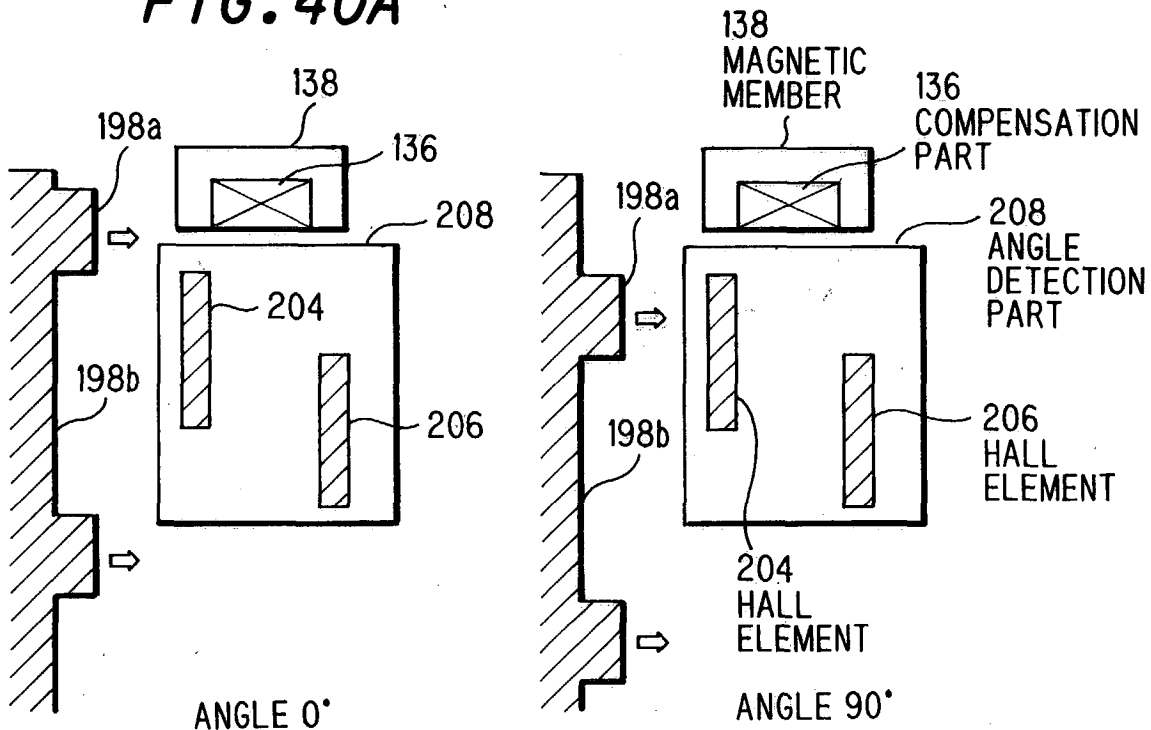
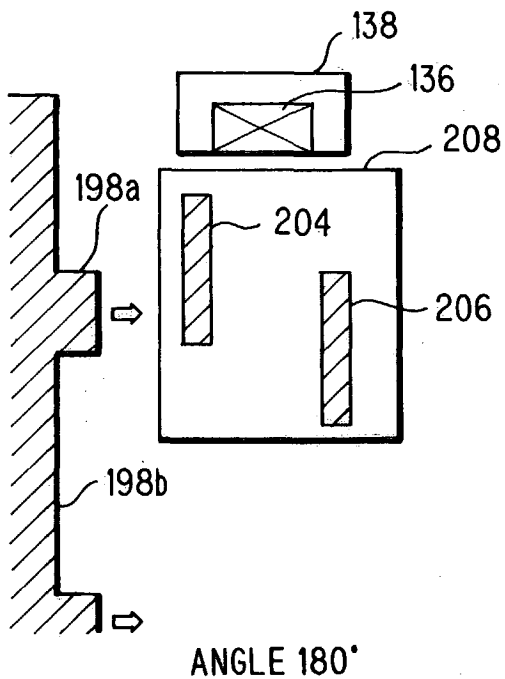


FIG. 40B**FIG. 40C****FIG. 40D**